AD685-44 12/90

salaries

Salaries of Engineers in Education 1990

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(EMC has just begun to emphasize the recruitment of these associates and will be adding to their numbers throughout the year.)

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SALARIES OF ENGINEERS IN EDUCATION 1990

A Report of an Biennial Survey
Conducted by the

ENGINEERING MANPOWER COMMISSION
of the
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES, INC.

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IBSN # 0-87615-158-9

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The Engineering Manpower Commission (EMC) has been a source of objective, timely data on questions relating to the supply and demand for technological personnel since its organization in 1950. As an AAES Commission, EMC is composed of volunteers from professional engineering societies, academia, government, and industry, supported by a professional staff headed by AAES' Director of Manpower Studies.

EMC conducts annual surveys of industry and schools of engineering, monitors trends in the supply of and demand for engineers, and produces annual reports on engineering enrollments, degrees, and salaries. In addition to its statistical studies, EMC also produces the *Engineering Manpower Bulletin*, which assesses trends in the engineering workforce including participation in the profession by women and ethnic minorities.

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The Engineering Manpower Commission wishes to express its grateful appreciation for the cooperation of the hundreds of organizations that provided the data on which this report is based.

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SALARIES OF ENGINEERS IN EDUCATION, 1990

INTRODUCTION

This is the Engineering Manpower Commission's 20th report on the salaries of engineering educators in the United States. Data for the project were gathered from a survey of full-time faculty at engineering and engineering technology schools. Salaries were reported for six ranks: full professors, associate professors, assistant professors, instructors, researchers and other non-teaching staff, and administrators. This report provides summaries of these data for all engineering educators, for those teaching in Ph.D-granting and non-Ph.D-granting engineering schools, and for those in schools of engineering technology. Separate tabulations and maturity curves are provided for all contracts, 9-10 month contracts, and 11-12 month contracts. Most of the instructional personnel covered by the survey—tenure-track faculty and instructors—work on 9-10 month contracts; 11-12 month arrangements are typical, however, for research faculty and administrators.

The survey does *not* distinguish among the various engineering disciplines, such as differences in median pay among departments of civil, chemical, electrical or mechanical engineering.

The data reflect regular allowances and base salaries as of February 1, 1990. Participating institutions were instructed to exclude all other kinds of compensation, such as payments for additional teaching not covered by regular contracts, consulting fees, etc. Salaries are presented in the form of statistical tables, with details for upper and lower deciles, upper and lower quartiles, medians, and means, across as many as 18 experience brackets based on the number of years since attainment of the bachelor's degree. In addition, summaries of these statistics across all levels of experience are provided. Graphed maturity curves are displayed for all of the tabulations.

This report continues the use of a number of significant refinements that were adopted for the previous (1988) round of this biennial project. Both "raw" salary data and EMC's traditional smoothed-curve estimates are included. New aggregates of the data are provided—for all professors and instructors, and for all professors—in order to provide a more comprehensive view of the compensation of engineering faculty across all levels of experience. Additional details are noted below in comments on methodology and presentation of results.

The Engineering Manpower Commission has been engaged in studies of engineering compensation for more than 35 years. EMC's reports on the salaries of engineers in industry and government include *Professional Income of Engineers*, which first appeared in 1953. The *Special Industry Report*, first issued in 1966, adds details on variations in engineering compensation among those with B.S., M.S. and Ph.D degrees. The series of reports on *Salaries of Engineers in Education* (originally titled *Salaries and Income of Engineering Teachers)* began in 1956. Like EMC's industry surveys, the faculty compensation studies were issued every other year up through 1978; from 1980 through 1984, they were done annually. Since 1984, however, the faculty surveys have returned to a biennial schedule. EMC's surveys of industry compensation continue to be done every year.

In addition to the 1990 editions of its detailed reports on engineering compensation, a summary of the 1990 salary surveys, including time series data on compensation trends in recent years, is available in "Engineering Salaries, 1990," issue number 103 (July, 1990) of the *Engineering Manpower Bulletin*. For prices and ordering information, see the inside back cover of this report.

The goal of EMC's salary studies is to determine current levels of compensation for engineers and to measure trends over time. EMC does not evaluate individual salary situations, nor does it advise employers on the rates that should be paid for specific positions. Indeed, our own data demonstrate that for any specific combination of employment sector, supervisory responsibilities, education, and experience, variations between the top and bottom salaries reported for the position (as measured by high and low deciles) are likely to be as great as the distinctions introduced by differences in any of the other factors. That is, variations in engineering pay within specific matched positions can be as large as variations be-

tween positions, even when the latter distinctions entail substantial differences in employment sectors, education, responsibility, or experience. In the final analysis, individual salaries are influenced by many considerations, including the economic conditions of particular industries and organizations, and the skill, performance, and negotiating ability of particular people. These observations apply to academic salaries as well as to industry rates.

SURVEY METHODOLOGY

Questionnaires were mailed in January, 1990 to EMC's national list of engineering schools. Responses representing 14,744 faculty were obtained from 273 institutions; the previous academic compensation survey in 1988 covered 13,934 educators at 238 schools. The American Society of Engineering Educators' Fall, 1987 survey of engineering faculty and graduate students estimated that 26,000 full-time faculty positions were authorized in U.S. schools of engineering and engineering technology, of which 1,735 were vacant. If these estimates are applied to 1990—a new ASEE survey was done in 1989, but at this writing, results from it have not been published—then EMC's compensation survey of academics covered about three-fifths of the possible survey universe, a response level that is comparable to those obtained in earlier versions of this project. (A similar coverage estimate was stated in 1988 at three-quarters of the possible cases, but that proportion did not include allowance for educators at engineering technology schools.)

In 1990, EMC also obtained compensation data on 115,606 engineers in 301 private industry establishments and 5,476 engineers employed by federal, state or local government agencies.

Faculty salaries were reported on two matched forms, one for data on assistant, associate, and full professors, the other for instructors, researchers and other non-teaching faculty, and administrators. As an alternative, the responding institutions were invited send in their data in the form of simple ASCII text files on PC-compatible floppy disks, and a number of schools did so. Along with similar responses from industry and government, EMC obtained machine-readable data on over 45,000 engineers for its 1990 salary surveys. We will continue to increase the use of this response format, as it greatly reduces labor burdens and corrections of data entry errors.

After keying in data from printed forms, machine-based records were compared with the original questionnaires to verify the accuracy of the work. Preliminary tabulations were run to confirm manual counts of the number of responding institutions and the number of faculty represented by the survey. Further processing of the data included these steps:

1. Within detailed subgroups, such as the group of associate professors on 9-10 month contracts at non-Ph.D-granting engineering schools, at least 100 cases, usually more, were required before statistics would be reported. A minimum of 200 cases are required for analysis of any particular group of engineers in EMC's industry compensation studies, where sampling issues are more salient. Because the survey of academics includes data on an unusually high proportion of all of the engineering educators who might potentially be included in the data base for the survey, some relaxation of the minimal case standards can be tolerated. At the same time, however, some minimal number of data points for these computations is needed in order to provide a reasonable amount of precision in deriving the medians, deciles and other statistics that are the outputs of the work. In general, we are adopting a more stringent standard in judging minimally acceptable numbers of cases. See the table "Distribution of Responses," below, for a recapitulation of the distribution of the responses among all possible groups of interest.

2. The raw medians, quartiles and other percentiles were developed by straight-line interpolation within salary brackets, rounded to the nearest $50. The median, or 50th percentile, provides an illustration. The median for any ranked distribution is that value that divides the data in half, with 50 percent of the cases above it and 50 percent below. For example, if there are 249 engineers with a given level of experience in a group of schools, the median salary for this level of experience is the value of the 125th data point. EMC's data are grouped into salary brackets, so calculation requires one to determine which group of salaries has this median point. Interpolation then yields the final raw result; continuing the example, if the 125th point happens to be the 20th case in the $36,000-$37,999 bracket, and if there are 39 cases in this bracket, then the median will be stated as $37,000. Calculation of the deciles and quartiles is similar, except that in those cases the statistic cuts the data into quarters or tenths.

3. Statistics for deciles, quartiles, medians, and means were not computed if the number of data points for those with a given level of experience (years since obtaining the B.S. degree) was either ten or less, or less than one percent of all the cases in the data set.

CURVE SMOOTHING

As in the past, EMC's final salary statistics were generated from raw results using four-parameter smooth curves computed by the least squares method. Raw statistics were converted, using data across all levels of experience, into curves of the form

$$y = ax^z + bx + c$$

where y = the reciprocal of the salary and x = (43 minus the number of years since the first degree). The computational algorithm yields values for the parameters a, b, c and z which minimize the sum of the squares of the differences between the raw and smooth values of y. The squared differences are weighted by the number of cases associated with each set of data points. Transformed values are used to improve the precision of the computation.

This approach to curve smoothing was adapted by Richard C. Fremon (a former chairman of the Commission and presently an emeritus member) from similar routines he developed for salary curve smoothing at AT&T's Bell Laboratories in the 1960's, and has been used by EMC since 1967. In reprogramming the routines for use on EMC's new computing systems, some new wrinkles have been added. Improved handling of values arbitrarily used for beginning and ending salary brackets—in 1990, for salaries of more than $125,000 or less than $22,000 per annum—eliminated difficulties experienced in the past when top salaries for some of the most highly paid engineers, such as senior administrators like deans of engineering schools, tended to be considerably understated. Also, graphing routines were adjusted so that plotted curves accurately reflect the actual value assumed for the top experience bracket (39 years).

A more fundamental adjustment has been EMC's increasing allowance for the fact that more than one "minimal" sum of squares can be computed for most of these salary data, depending on what values are assumed at the beginning of the process. EMC's traditional program iterated the computations until the sum of the squared differences began to rise; at that point the process would end and the previous results would be used as final values. In some distributions of the data (for example, when the statistics were dominated by a pair of companies with very dissimilar salary scales) this approach could yield unsatisfactory results. In the more common curve smoothing exercises employed by many corporations to examine compensation practices, such problems can be handled through trial-and-error tests until a satisfactory outcome is reached. That sort of solution is less feasible for EMC, both because of the volume of curves the project generates, and because highly consistent methods are needed to provide a degree of comparability among different results in any one year, as well as among results over time, from one year to the next.

To provide improved results while still adhering to predictable methods, the curve-smoothing program was adjusted in 1987 to test the value of the exponent z, which ordinarily begins at 1.0, incrementing in steps of 0.1 until the sums of squares no longer shrink. When this process was completed for any given set of data, z was inspected to determine if it had only reached a relatively small value (2.0 out of a possible top value, set arbitrarily, of 15.0). If not, the process was automatically restarted, running a second time after re-initializing z to a higher starting value of 2.0.

This change leads, in almost every case, to the generation of a *pair* of curves—which is to say that EMC's original approach almost always yielded a solution before z had reached a very large value. Restarting the procedure provides a second possible solution and a second set of smooth curves, which can then be compared with the original set to choose the one with the best fit to theory (e.g., that salaries should increase most rapidly in early years and flatten with greater experience), as well as a good fit to the original data (that is, the curves should not grossly distort the raw results). The final curves are selected by choosing the version that comes closest to the raw data for the starting (less than one year), ten, and 25-year experience brackets (in some cases, adjacent brackets are used to compare the pair of curves, because of obvious sampling problems in the raw statistics). In 1990, EMC also computed and used curves with still higher initialization values of z, for a few cases where continuation of this iterative process resulted in more satisfactory outcomes.

Most of the curves depicted in this report are "first-trial" output, in which the parameter z is initialized at a starting value of 1.0 and does not exceed 2.0. For academics, higher initialization values usually do not generate acceptable results. This pattern is exactly the reverse of the one that appears in EMC's industry data, where only the aerospace sector seems to yield well to the lower initialization values. We suspect that the generally flat nature of academic maturity curves has something to do with this phenomenon (see the discussion of the presentation of results, below, for additional comments).

Beginning in 1987, EMC began to present its raw salary results as well as the smooth-curve estimates, doubling the amount of information provided by these surveys and enabling more sophisticated interpretations of the statistics. This has allowed EMC to make distinctions between *factual outcomes for the organizations participating in a survey*, which is what the raw statistics are, and *best estimates of the underlying general trends*.

The Commission is still not fully satisfied with its curve-smoothing methods; least-squares computations entail a number of logical and mathematical difficulties when applied to data on compensation. In particular, the computations are very sensitive to variations in the distribution of a set of engineers across experience brackets, and the curves for supervisors or engineers with M.S. or Ph.D degrees tend to overestimate rates of compensation for the more recent entrants to the profession. Other methods, including the use of banded splines and anchoring points, have been applied by organizations that do not have EMC's need for an approach that can be rapidly and consistently applied to a broad range of national data from many different sectors. The Commission is continuing its study of these alternatives, and further refinements of our methods are anticipated. The general method of maturity curves is widely used as a means to assess the compensation of engineers, and EMC expects to continue to contribute to the development of these tools, as it has in the past.

PRESENTATION OF RESULTS

As noted earlier, EMC has added two new summary data sets to its traditional findings on the compensation of engineering educators. When one focuses only on particular academic ranks, such as the associate professors, the salary maturity curves tend to be rather flat (indeed, they may have negative slopes, since those hired most recently may obtain better salaries than those hired in earlier years). For professors or other instructional personnel, in a high proportion of cases an educator's experience, measured by the number of years of service, does not have strong effects on compensation until it is translated into appointments to a higher academic rank. To capture a better cross-sectional view of the salaries of teaching staff, then, it is necessary to look across the ranks. That kind of perspective is provided by the new data sets for all professors and all instructional staff (professors plus instructors). The results are clear: those curves, unlike the results for particular ranks, look much more like the curves obtained by EMC for engineering positions in industry. The combined-rank data rise steadily throughout the earlier years of experience and flatten out only after staff have reached a plateau for the more mature workers.

Data for all engineering educators, irrespective of the types of institutions in which they work, are presented first. Separate tabulations and maturity curves are provided for all professors and instructors, all professors (that is, for tenure-track staff), full professors, associate professors, assistant professors, instructors, researchers and other non-teaching faculty, and administrators. Within each of these groups, additional tabulations specify rates of compensation for those on 9-10 month and 11-12 month contracts. This order of presentation is repeated for all subsequent sets of data in the report: faculty in engineering schools (with additional details for those in Ph.D-granting and non-Ph.D-granting institutions), and faculty in schools of engineering technology.

The tabulations accompanying the curves include mean salaries (not plotted) and the distribution of the cases among the various experience brackets. The tables also list the numbers of cases falling in the extreme salary brackets (for academic data in 1990, less than $22,000 or more than $125,000). The tabulations also provide summary data for salaries across all experience brackets. Such broad statistics are unlikely to be applicable to specific individuals, but they are useful in assessing differences among groups. Finally, as noted earlier, both raw salary results and smoothed-curve estimates are provided.

Detailed analysis of the data in this report has been left for other publications, including EMC's issue of its *Engineering Manpower Bulletin* on the 1990 salary studies, but it can be noted that our results show that there is still a strong trend of healthy increases in the compensation of engineering educators. The median salary across all institutions for all professors and instructors, reported in 1988 at $45,050, was $50,850 in 1990—an increase of 6.25 percent per annum.

DEFINITIONS

Median: the point in a ranked array of data that is the mid-point of the series; the 50th percentile. The exact value may be interpolated.

· *Quartile:* points in ranked arrays that divide the series into quarters. The lower quartile is the 25th percentile; the upper quartile is the 75th percentile.

Decile: points in ranked arrays that divide the series

into tenths. The lower decile is the 10th percentile; the upper decile is the 90th percentile.

Mean: sum of the values of the data, divided by the number of cases (data points). Provided as a convenience, but infrequently used in work on income because means are sensitive to the values of extreme cases, while medians are not.

Years Since Baccalaureate Degree: a measure of experience. In 1990, an engineer with zero years of experience received a B.S. degree in 1989 or the first quarter of 1990. "Experience" includes either working or pursuing advanced degrees.

As in the past, a blank chart is provided in the back of the report to use in plotting additional curves.

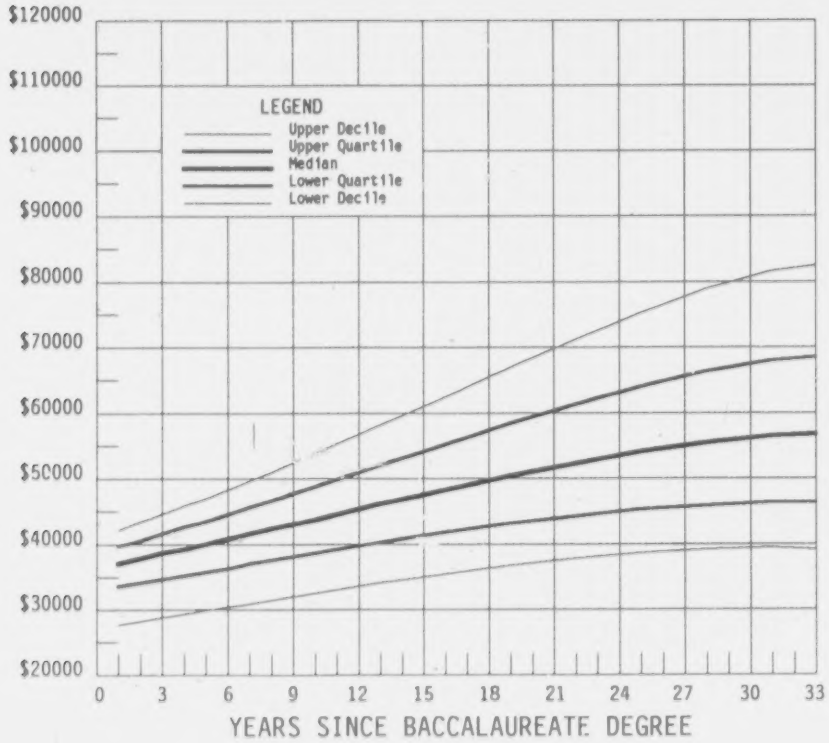
DISTRIBUTION OF RESPONSES: SALARIES OF ENGINEERS IN EDUCATION, 1990

Median Compensation and Numbers of Cases, by Rank, Type of Institution, and Contract Type
(where no salary estimates appear, data were not sufficient to support computations)

Type of Institution and Faculty Ranks:	All Contracts: Cases:	Median Salary:	9-10 Month Contracts: Cases:	Median Salary:	11-12 Month Contracts: Cases:	Median Salary:
ALL INSTITUTIONS:						
Professors & Instructors	12,549	$49,600	11,823	$49,200	726	$58,650
All Professors	11,868	50,400	11,286	49,800	582	62,600
Full Professors	5,122	55,900	4,911	61,800	211	78,800
Associate Professors	3,426	48,050	3,240	47,550	186	62,050
Assistant Professors	3,320	42,900	3,135	42,600	185	54,000
Instructors	681	34,600	537	32,700	144	38,450
Researchers/Non-Teaching	1,177	39,050	65	-	1,112	39,350
Administrators	1,018	72,500	114	-	904	72,400
ALL ENGINEERING SCHOOLS:						
Professors & Instructors	11,526	$50,850	10,842	$50,350	684	$59,750
All Professors	11,047	51,450	10,475	50,850	572	62,900
Full Professors	4,883	62,650	4,672	62,250	211	78,800
Associate Professors	3,145	48,800	2,961	48,300	184	62,200
Assistant Professors	3,019	43,450	2,842	43,150	177	54,450
Instructors	479	34,300	367	31,700	112	-
Researchers/Non-Teaching	1,166	39,200	65	-	1,101	39,500
Administrators	956	73,700	110	-	846	73,650
PH.D-GRANTING ENGINEERING SCHOOLS:						
Professors & Instructors	9,354	$52,550	8,838	$51,850	516	$64,450
All Professors	9,039	53,000	8,581	52,250	458	66,200
Full Professors	4,086	64,650	3,893	64,000	193	80,350
Associate Professors	2,482	50,050	2,336	49,550	146	64,700
Assistant Professors	2,471	44,150	2,352	43,850	119	-
Instructors	315	33,800	257	31,850	58	-
Researchers/Non-Teaching	1,109	39,150	59	-	1,050	39,400
Administrators	728	77,800	102	-	626	77,850
NON-PH.D-GRANTING ENGINEERING SCHOOLS:						
Professors & Instructors	2,172	$44,050	2,004	$44,100	168	$43,350
All Professors	2,008	44,950	1,894	44,700	114	-
Full Professors	797	55,350	779	55,350	18	-
Associate Professors	663	43,400	625	43,150	38	-
Assistant Professors	548	39,150	490	38,650	58	-
Instructors	164	36,000	110	-	54	-
Researchers/Non-Teaching	57	-	6	-	51	-
Administrators	228	54,200	8	-	220	54,000
ENGINEERING TECHNOLOGY SCHOOLS:						
Professors & Instructors	1,023	$37,100	981	$37,150	42	-
All Professors	821	37,500	811	37,550	10	-
Full Professors	239	45,100	239	45,100	0	-
Associate Professors	281	38,000	279	38,000	2	-
Assistant Professors	301	33,200	293	33,250	8	-
Instructors	202	34,900	170	34,400	32	-
Researchers/Non-Teaching	11	-	0	-	11	-
Administrators	62	-	4	-	58	-

ALL INSTITUTIONS, BY LENGTH OF CONTRACTS

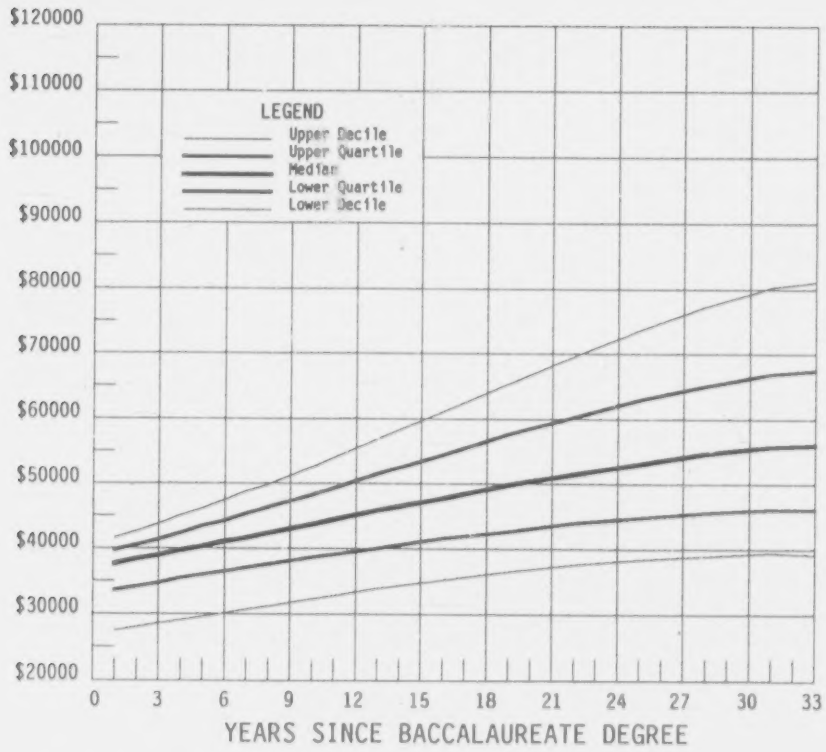
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS PROFESSORS AND INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, PROFESSORS AND INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	42250	43400	44600	45800	47050	48350	49650	51000	53750	58050	62500	66950	71250	75300	78850	81650	84450	73800
Upper Quartile	0	39650	40600	41550	42550	43550	44600	45600	46650	48750	52000	55250	58400	61350	64050	66350	68100	69550	61050
Median	0	37100	37850	38600	39300	40050	40800	41550	42300	43800	46100	48250	50350	52300	54000	55400	56500	57450	49600
Lower Quartile	0	33550	34100	34700	35250	35850	36400	36950	37550	38650	40250	41750	43100	44300	45250	45950	46400	46050	42300
Lower Decile	0	27650	28150	28700	29250	29800	30350	30900	31450	32500	34050	35450	36750	37800	38650	39200	39400	38500	36350
Mean	0	36050	36850	37650	38500	39350	40200	41050	41900	43650	46300	48900	51400	53700	55750	57450	58700	59500	52750
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	45500	46400	49000	47350	48300	49350	49150	49550	53750	56800	62750	66550	73050	75950	80050	79800	84400	73800
Upper Quartile	0	42500	44000	46900	43850	45400	45800	45700	46200	48250	51150	54300	58250	62050	65100	67950	67850	69150	61050
Median	0	32000	38000	37000	39700	41850	42300	42350	42950	43850	45450	47300	49650	51650	54800	57200	57300	57000	49600
Lower Quartile	0	24500	28000	26250	30500	35500	37150	38000	39300	39800	40950	41450	42500	43050	44900	46350	46500	46150	42300
Lower Decile	0	22000	23200	20950	24250	29050	28650	30600	33100	34900	34950	35400	35600	36850	37650	39500	39450	38700	36350
Mean	0	32150	35800	36600	37550	40200	41050	41300	42350	44050	45850	48300	50900	53550	56050	58650	58600	59350	52750
---------- Supporting Data ----------																			
Total Number	6	10	16	37	84	127	196	264	335	1055	1129	1040	1070	1030	1083	1135	1099	2833	12549
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	0	5	11
Less Than $22000	0	1	1	5	4	4	3	5	1	6	8	2	1	1	2	2	1	4	51

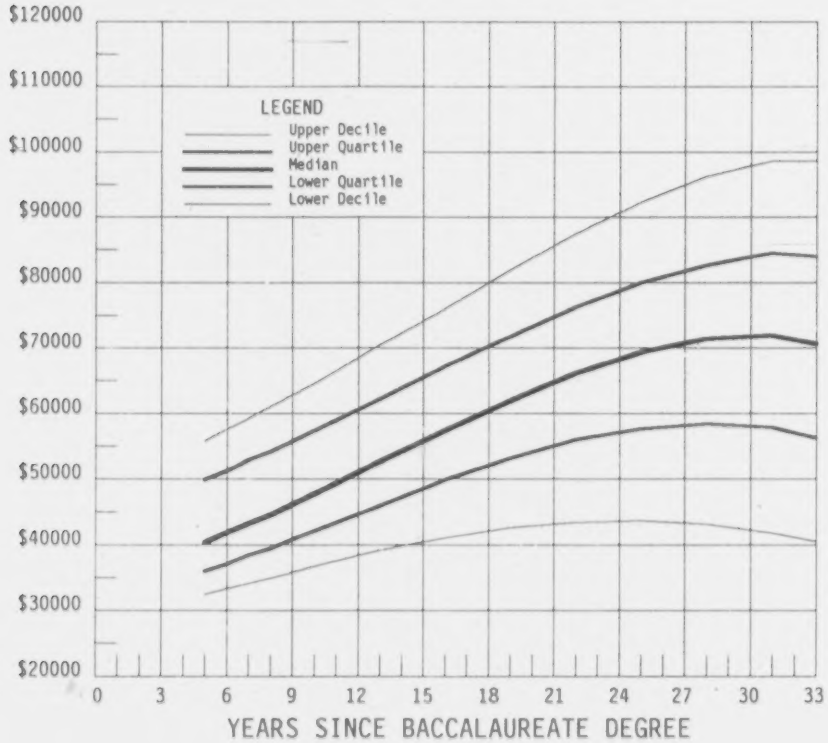
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS, 9 MONTH CONTRACTS PROFESSORS AND INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, 9 MONTH CONTRACTS, PROFESSORS AND INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	41550	42650	43800	44950	46200	47400	48700	49950	52600	56800	61050	65400	69650	73700	77250	80250	83850	72750
Upper Quartile	0	39650	40550	41450	42400	43350	44350	45300	46300	48300	51400	54450	57500	60350	62950	65150	66950	68850	60450
Median	0	37600	38300	38950	39650	40300	41000	41700	42400	43800	45850	47850	49800	51600	53200	54600	55750	57150	49200
Lower Quartile	0	33700	34250	34800	35350	35900	36450	36950	37500	38550	40100	41500	42800	43950	44900	45600	46050	45950	42200
Lower Decile	0	27400	27950	28500	29000	29550	30100	30650	31200	32250	33800	35250	36550	37650	38500	39050	39350	38550	36300
Mean	0	35950	36700	37500	38300	39100	39900	40750	41550	43250	45750	48250	50650	52900	54900	56650	57950	59200	52250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	45500	46400	49100	47300	47250	48150	48850	49150	52050	55600	61150	65050	71050	74900	78850	78500	83700	72750
Upper Quartile	0	42500	44000	47200	44050	45300	45500	45700	46100	47600	50600	53450	57300	60800	64200	66800	66900	68400	60450
Median	0	32000	38000	42500	41100	42050	42300	42500	43000	43600	45100	46800	49100	51050	54150	56400	56800	56650	49200
Lower Quartile	0	24500	28000	25650	30500	34300	37900	38700	39500	39600	40750	41250	42150	42700	44500	46000	46200	46050	42200
Lower Decile	0	22000	23200	20700	23750	28900	27900	30300	33250	34550	34900	35350	35350	36600	37450	39400	39300	38750	36300
Mean	0	32150	35800	37200	37750	39700	40500	41250	42250	43450	45400	47650	50150	52650	55350	57900	57950	59000	52250
Supporting Data																			
Total Number	5	10	16	34	75	111	175	241	310	971	1067	971	1009	975	1013	1071	1043	2726	11823
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	3	7
Less Than $22000	0	1	1	5	4	4	3	5	1	6	8	2	1	1	2	2	1	4	51

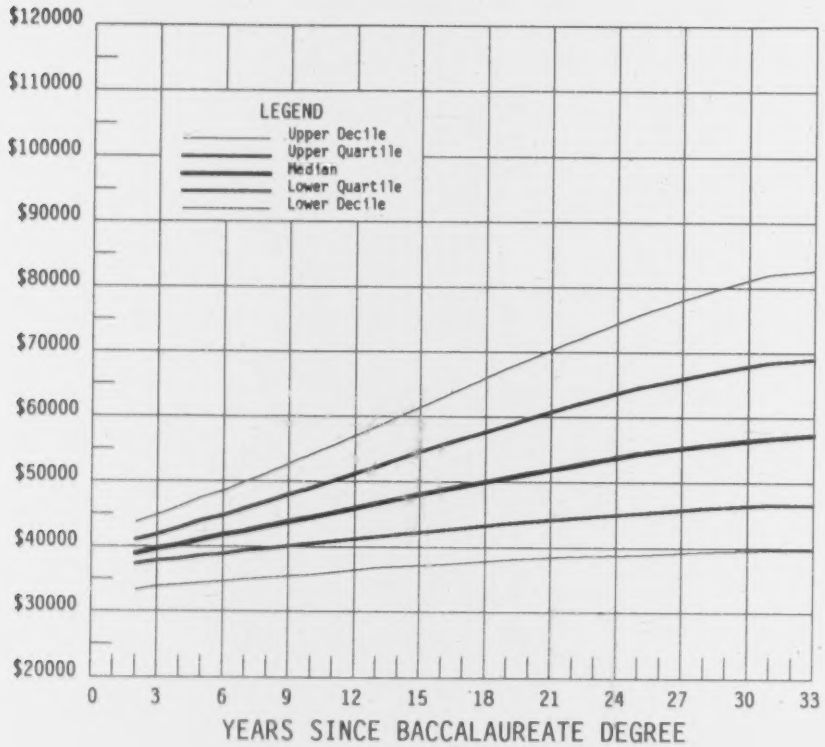
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS, 12 MONTH CONTRACTS PROFESSORS AND INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, 12 MONTH CONTRACTS, PROFESSORS AND INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	55800	57500	59200	61000	64600	70300	76100	81900	87350	92250	96150	98800	98400	86550
Upper Quartile	0	0	0	0	0	49800	51250	52750	54250	57400	62200	67100	71800	76200	79900	82750	84450	82650	71450
Median	0	0	0	0	0	40350	41750	43150	44650	47700	52450	57250	61900	66050	69350	71400	72050	66700	58650
Lower Quartile	0	0	0	0	0	35900	37100	38300	39550	42100	46000	49750	53150	55900	57700	58450	57950	51550	46000
Lower Decile	0	0	0	0	0	32450	33300	34200	35050	36750	39150	41150	42650	43550	43700	43100	41850	36100	36900
Mean	0	0	0	0	0	42600	43950	45300	46700	49500	53850	58250	62400	66150	69150	71200	72050	68400	60600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59200	61200	58800	56650	63700	67800	77450	86900	92500	90000	91500	98500	99100	86550
Upper Quartile	0	0	0	0	0	56000	55750	45900	51100	58200	61550	65900	73750	82700	76250	82500	84000	82800	71450
Median	0	0	0	0	0	38000	42500	37700	40500	52500	54000	57750	61750	67700	65200	70500	69000	68300	58650
Lower Quartile	0	0	0	0	0	36850	36650	36550	38400	42500	46850	50500	54200	55800	55700	59350	56000	52050	46000
Lower Decile	0	0	0	0	0	36150	34200	34600	31500	39200	37200	35800	45650	44750	44000	45200	43400	35400	36900
Mean	0	0	0	0	0	43700	45850	41900	43650	51100	53800	57500	63900	69100	66350	71050	71000	68850	60600
Supporting Data																			
Total Number	1	0	0	3	9	16	21	23	25	84	62	69	61	55	70	64	56	107	726
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

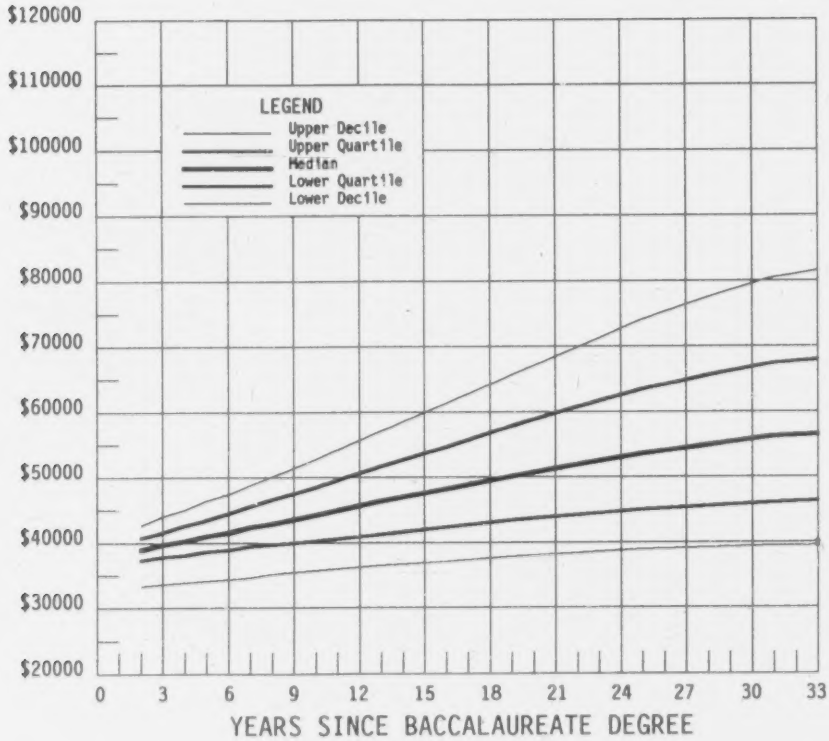
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS
ALL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, ALL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	43650	44850	46100	47350	48650	49950	51300	54100	58400	62850	67350	71700	75750	79250	82100	84850	74400
Upper Quartile	0	0	40950	41900	42900	43900	44900	45950	47000	49100	52350	55600	58800	61800	64500	66800	68600	70250	61650
Median	0	0	38950	39650	40350	41050	41750	42500	43200	44600	46750	48800	50800	52650	54300	55750	56900	58350	50400
Lower Quartile	0	0	37450	37850	38250	38650	39050	39450	39850	40600	41700	42750	43750	44600	45400	46050	46550	47250	43100
Lower Decile	0	0	33450	33750	34050	34400	34700	35000	35300	35850	36700	37400	38050	38600	39050	39400	39650	39600	38100
Mean	0	0	38600	39350	40100	40900	41700	42500	43300	44950	47350	49750	52050	54200	56100	57750	59050	60400	53700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	46700	49450	49050	49050	49950	49300	49800	54100	57300	63050	66900	73450	76400	80300	80300	84850	74400
Upper Quartile	0	0	44750	48050	45650	46100	46350	46100	46500	48600	51500	54700	58700	62550	65500	68300	68250	69900	61650
Median	0	0	41500	45500	42750	43300	43350	43000	43450	44250	45850	47850	50250	52250	55400	57650	57800	57800	50400
Lower Quartile	0	0	31250	36500	39500	39450	40200	39950	40600	40550	41600	42100	43400	43950	45800	46800	47300	47000	43100
Lower Decile	0	0	28600	27000	33050	32050	35300	35000	36450	36700	37250	36800	37200	38000	38850	40150	40250	39500	38100
Mean	0	0	38850	41950	42150	42250	43250	42550	43300	44750	46700	49050	51700	54250	56800	59050	59200	60100	53700
Supporting Data																			
Total Number	4	5	13	25	56	101	163	230	303	990	1068	989	1023	987	1040	1094	1061	2716	11868
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	0	5	11
Less Than $22000	0	0	0	1	0	2	0	2	1	4	3	0	0	0	0	0	0	2	15

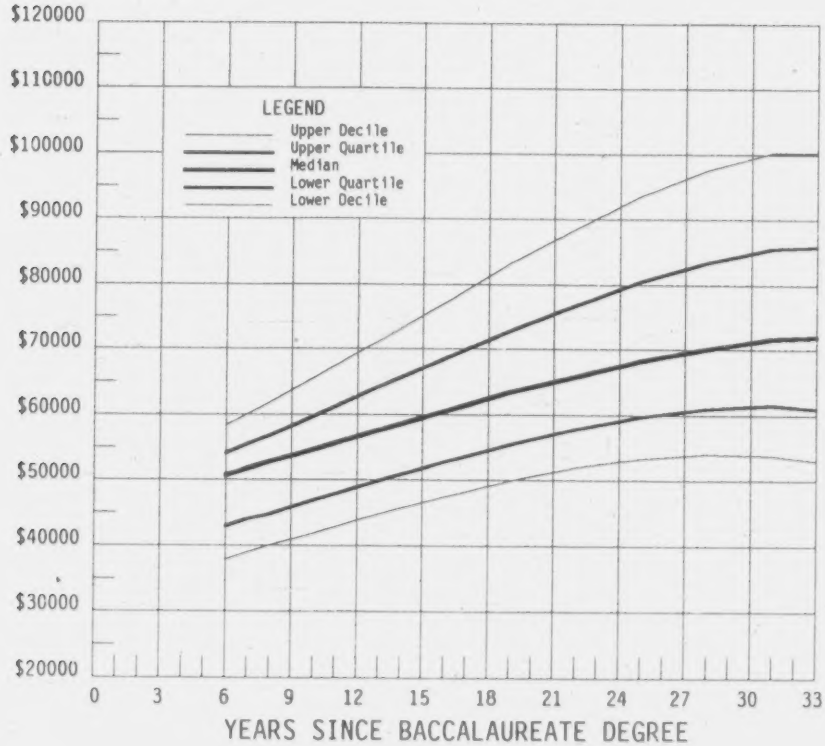
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS, 9 MONTH CONTRACTS ALL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, 9 MONTH CONTRACTS, ALL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	42750	43900	45100	46300	47550	48800	50100	52800	57000	61300	65700	70000	74050	77650	80600	84150	73300
Upper Quartile	0	0	40750	41700	42650	43600	44550	45550	46550	48600	51700	54800	57850	60700	63350	65600	67450	69400	60950
Median	0	0	39000	39650	40300	40950	41650	42300	43000	44350	46350	48300	50200	51950	53600	55000	56200	57900	49800
Lower Quartile	0	0	37450	37850	38200	38600	38950	39350	39700	40400	41450	42450	43400	44250	45000	45650	46200	47050	42900
Lower Decile	0	0	33300	33600	33900	34200	34500	34800	35100	35650	36450	37200	37800	38400	38850	39200	39450	39550	37950
Mean	0	0	38250	39000	39750	40500	41250	42050	42800	44400	46700	49050	51250	53350	55250	56900	58250	59900	53100
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	46700	49450	48500	47800	48500	49050	49300	52250	55800	61450	65400	71500	75150	78950	78800	84050	73300
Upper Quartile	0	0	44750	48050	45450	45750	45850	46000	46300	47900	50900	53800	57750	61300	64550	67000	67250	69050	60950
Median	0	0	41500	45500	42650	43050	43050	42950	43350	43950	45500	47250	49600	51600	54600	56800	57250	57350	49800
Lower Quartile	0	0	31250	36500	39400	39200	39950	40000	40600	40300	41400	41850	43000	43600	45350	46400	46900	46800	42900
Lower Decile	0	0	28600	27000	33000	31700	34850	35000	36450	36500	36950	36700	36900	37700	38650	39950	40100	39450	37950
Mean	0	0	38850	41950	41850	41450	42400	42400	43050	44100	46150	48300	50850	53400	56000	58250	58450	59600	53100
---------- Supporting Data ----------																			
Total Number	4	5	13	25	55	94	151	221	289	926	1015	927	969	938	977	1039	1009	2629	11286
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	3	7
Less Than $22000	0	0	0	1	0	2	0	2	1	4	3	0	0	0	0	0	0	2	15

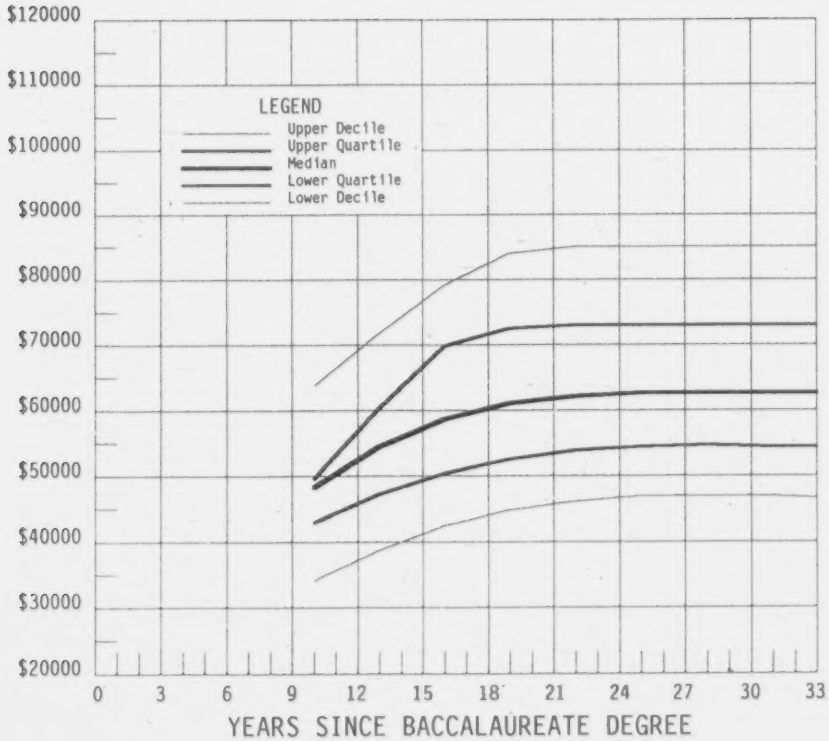
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS, 12 MONTH CONTRACTS ALL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, 12 MONTH CONTRACTS, ALL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	58300	60050	61850	65550	71300	77200	83100	88650	93600	97600	100350	100000	89100
Upper Quartile	0	0	0	0	0	0	54150	55500	56900	59750	64150	68550	72850	76850	80450	83400	85550	86400	75200
Median	0	0	0	0	0	0	50750	51750	52750	54700	57700	60600	63400	66000	68300	70200	71700	73050	62600
Lower Quartile	0	0	0	0	0	0	42900	43900	44900	46950	49950	52850	55550	57850	59700	60950	61550	59700	54000
Lower Decile	0	0	0	0	0	0	37950	38950	39900	41900	44800	47550	49950	51950	53300	54000	53900	50250	45050
Mean	0	0	0	0	0	0	49000	50200	51400	53850	57550	61200	64750	67950	70750	72950	74400	74250	65450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	62400	0	58150	65300	68950	78400	87600	92200	91150	93750	99500	101050	89100
Upper Quartile	0	0	0	0	0	0	60000	0	55250	59300	62550	66750	75500	83100	77100	83900	85000	86400	75200
Median	0	0	0	0	0	0	55000	0	50000	55400	56250	59500	63500	69000	66600	72650	71000	72750	62600
Lower Quartile	0	0	0	0	0	0	50000	0	40250	46400	50450	51600	56300	60250	58400	63750	59000	59850	54000
Lower Decile	0	0	0	0	0	0	41600	0	36800	41200	45450	47300	52100	51350	51950	56400	51800	50500	45050
Mean	0	0	0	0	0	0	53500	0	48050	54100	56600	59800	66650	70900	68850	74300	73200	74300	65450
Supporting Data																			
Total Number	0	0	0	0	1	7	12	9	14	64	53	62	54	49	63	55	52	87	582
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

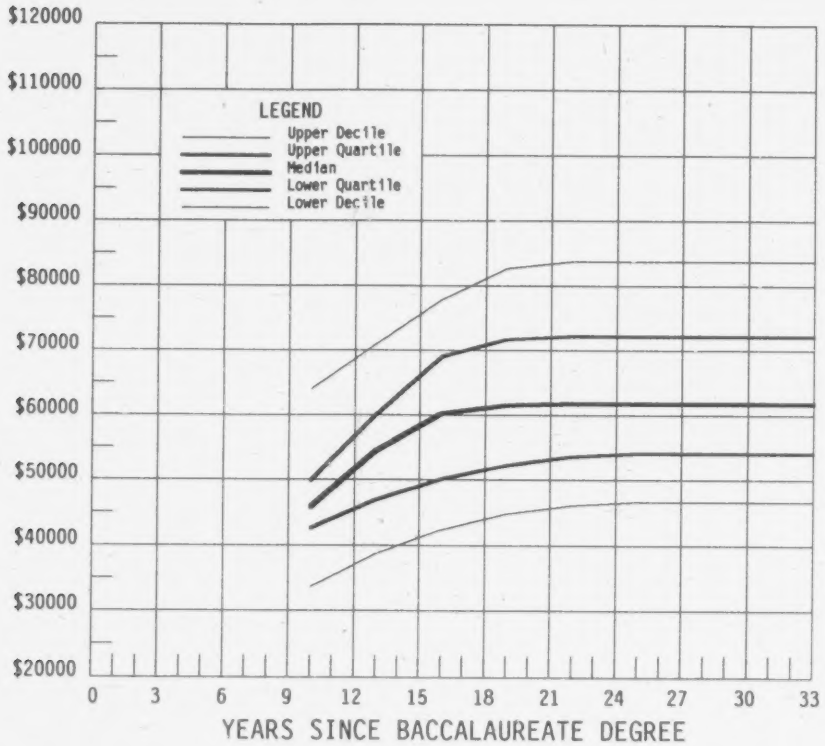
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS
FULL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, FULL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	63850	71600	79300	84050	84950	85100	85100	85100	85100	84550
Upper Quartile	0	0	0	0	0	0	0	0	0	49600	60300	69750	72600	73100	73200	73200	73200	73200	72750
Median	0	0	0	0	0	0	0	0	0	48350	54350	58550	61000	62200	62650	62700	62600	62400	62150
Lower Quartile	0	0	0	0	0	0	0	0	0	43000	47250	50450	52600	53850	54450	54600	54500	54200	53850
Lower Decile	0	0	0	0	0	0	0	0	0	34100	38800	42450	44900	46250	46850	46950	46850	46550	46100
Mean	0	0	0	0	0	0	0	0	0	47750	52900	61350	64000	64500	64550	64600	64600	64600	64200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	63600	67450	76800	78100	81650	81950	83650	84500	89050	84550
Upper Quartile	0	0	0	0	0	0	0	0	0	49450	62000	67700	68050	70650	71400	73750	72750	75250	72750
Median	0	0	0	0	0	0	0	0	0	45750	54500	61800	60450	61950	62500	62350	62150	62750	62150
Lower Quartile	0	0	0	0	0	0	0	0	0	42300	44000	55050	52300	53850	54450	53950	54200	54450	53850
Lower Decile	0	0	0	0	0	0	0	0	0	38450	31700	48050	45800	46650	46100	46300	46200	47000	46100
Mean	0	0	0	0	0	0	0	0	0	47700	53250	61650	61350	63100	63550	64300	64250	65900	64200
Supporting Data																			
Total Number	0	0	1	0	1	4	0	4	5	23	64	134	303	458	603	781	782	1959	5122
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	0	5	11
Less Than $22000	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	4

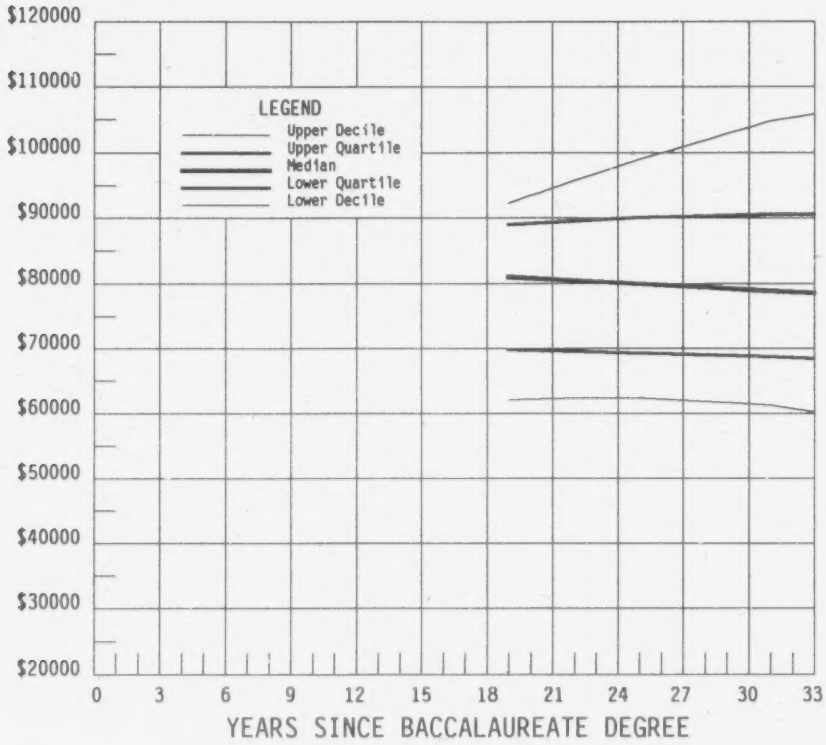
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS, 9 MONTH CONTRACTS
FULL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, 9 MONTH CONTRACTS, FULL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	64100	71000	77900	82700	83650	83750	83800	83800	83800	83350
Upper Quartile	0	0	0	0	0	0	0	0	0	49750	60100	69050	71700	72200	72300	72300	72300	72300	71700
Median	0	0	0	0	0	0	0	0	0	46000	54500	60150	61650	61950	62000	62000	62000	62000	61800
Lower Quartile	0	0	0	0	0	0	0	0	0	42650	47000	50250	52350	53500	54050	54150	54150	53950	53550
Lower Decile	0	0	0	0	0	0	0	0	0	33650	38600	42350	44750	46050	46550	46650	46600	46350	45900
Mean	0	0	0	0	0	0	0	0	0	48100	52300	60650	63300	63800	63850	63850	63850	63850	63500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	63750	66400	75400	74400	79650	81150	82400	82700	88300	83350
Upper Quartile	0	0	0	0	0	0	0	0	0	49600	61850	67100	66750	69400	70350	72700	71800	74550	71700
Median	0	0	0	0	0	0	0	0	0	46000	54300	61400	59650	61450	62100	61850	61750	62500	61800
Lower Quartile	0	0	0	0	0	0	0	0	0	42900	43500	54700	51800	53650	54100	53400	53900	54200	53550
Lower Decile	0	0	0	0	0	0	0	0	0	38600	31600	47800	45350	46600	45850	45950	46000	46800	45900
Mean	0	0	0	0	0	0	0	0	0	48050	52750	60900	60050	62300	62800	63500	63500	65350	63500
Supporting Data																			
Total Number	0	0	1	0	1	4	0	4	4	22	62	129	284	436	576	744	748	1896	4911
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	3	7
Less Than $22000	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	4

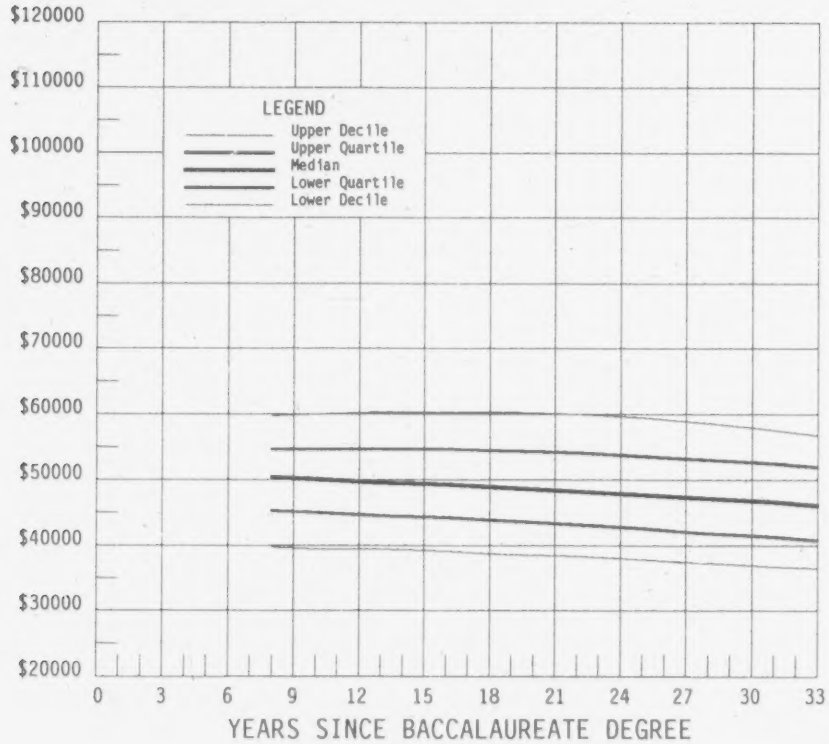
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS, 12 MONTH CONTRACTS FULL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, 12 MONTH CONTRACTS, FULL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	92400	95800	99050	102000	104700	109850	99950
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	89050	89650	90100	90400	90600	90550	90250
Median	0	0	0	0	0	0	0	0	0	0	0	0	81050	80500	79950	79500	79000	77900	78800
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	69800	69600	69350	69100	68800	67800	68600
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	62250	62500	62400	62000	61200	57750	60300
Mean	0	0	0	0	0	0	0	0	0	0	0	0	79450	80000	80450	80850	81150	81450	80250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	92750	94150	103750	97150	108000	109650	99950
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	88250	91800	90400	87200	93500	90400	90250
Median	0	0	0	0	0	0	0	0	0	0	0	0	81250	82500	76400	80300	80000	77750	78800
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	71000	68650	67650	70600	68650	67750	68600
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	63600	60400	62250	63400	60550	57750	60300
Mean	0	0	0	0	0	0	0	0	0	0	0	0	80300	78800	80200	81350	81150	81400	80250
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	1	1	2	5	19	22	27	37	34	63	211
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

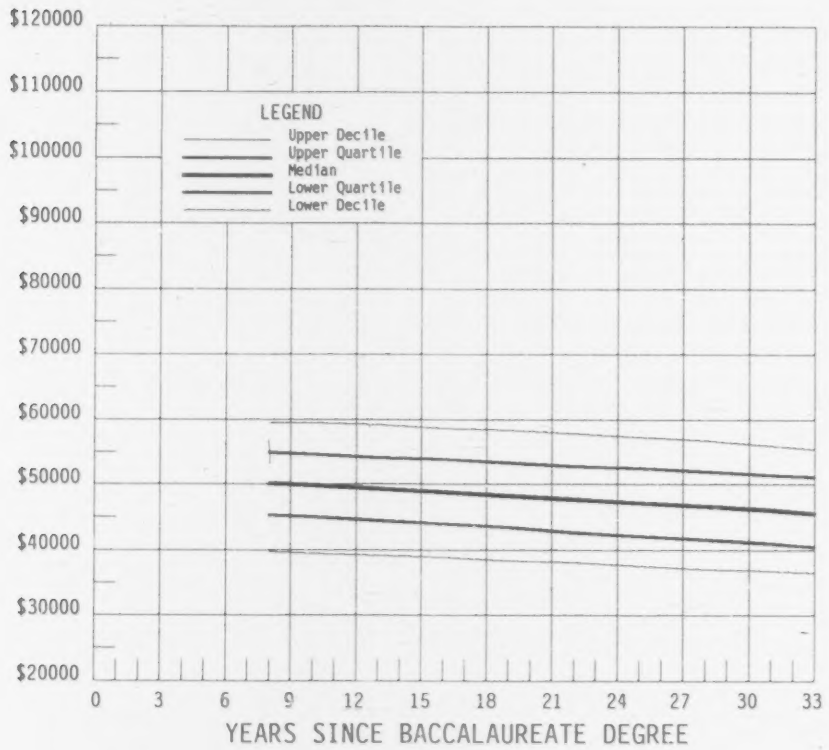
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS
ASSOCIATE PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, ASSOCIATE PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	59700	60050	60350	60400	60250	59900	59350	58600	57700	54450	59150
Upper Quartile	0	0	0	0	0	0	0	0	54750	54800	54750	54600	54350	54050	53600	53050	52450	50450	53500
Median	0	0	0	0	0	0	0	0	50300	50050	49700	49250	48800	48300	47750	47200	46550	44800	48050
Lower Quartile	0	0	0	0	0	0	0	0	45350	45100	44650	44200	43700	43150	42550	41950	41300	39450	42600
Lower Decile	0	0	0	0	0	0	0	0	39650	39550	39350	39100	38750	38350	37900	37400	36900	35250	37700
Mean	0	0	0	0	0	0	0	0	49950	49950	49850	49650	49350	48900	48400	47800	47100	44950	48350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	57600	60600	60400	59800	60900	59150	61050	57700	57100	54550	59150
Upper Quartile	0	0	0	0	0	0	0	0	51500	54550	54500	54450	55800	53450	54500	51600	51300	50750	53500
Median	0	0	0	0	0	0	0	0	44000	49050	49950	49450	49800	48050	48150	45400	46050	45100	48050
Lower Quartile	0	0	0	0	0	0	0	0	39500	44050	45050	44350	44750	42500	42700	40650	41200	39650	42600
Lower Decile	0	0	0	0	0	0	0	0	31600	38600	40950	38950	38700	37500	38300	36600	38150	35200	37700
Mean	0	0	0	0	0	0	0	0	45450	49350	50150	49650	50000	48450	49100	46600	46650	45150	48350
Supporting Data																			
Total Number	0	0	1	0	2	3	2	9	16	166	417	522	500	417	356	261	217	537	3426
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

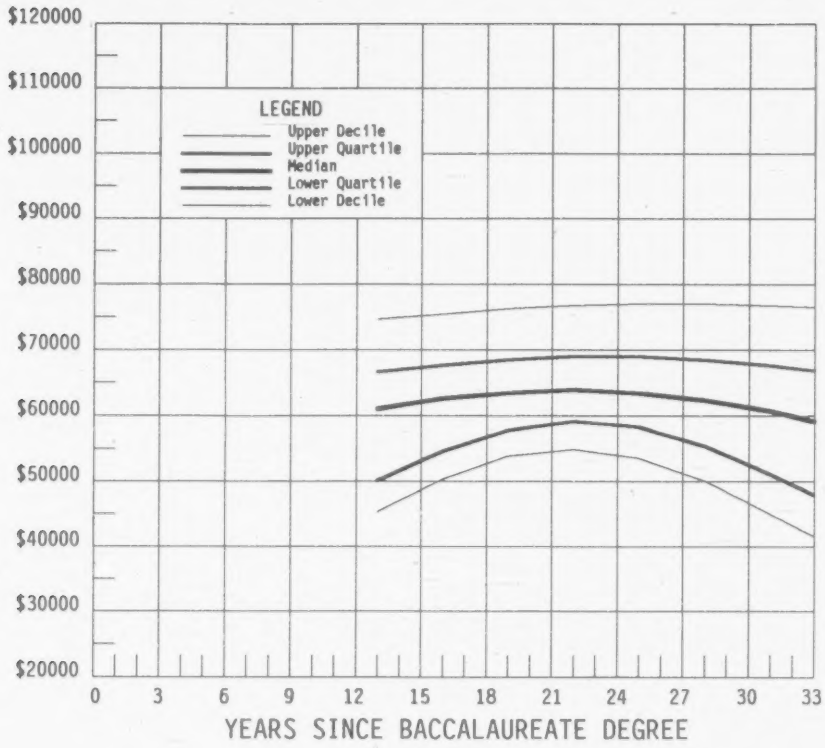
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS, 9 MONTH CONTRACTS ASSOCIATE PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, 9 MONTH CONTRACTS, ASSOCIATE PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	59550	59400	59150	58800	58400	57900	57300	56700	55950	53800	57700
Upper Quartile	0	0	0	0	0	0	0	0	54900	54650	54250	53800	53350	52900	52450	51950	51450	50050	52700
Median	0	0	0	0	0	0	0	0	50250	49900	49350	48800	48250	47700	47150	46600	46050	44600	47550
Lower Quartile	0	0	0	0	0	0	0	0	45450	45050	44500	43950	43350	42800	42200	41600	41000	39450	42350
Lower Decile	0	0	0	0	0	0	0	0	39750	39550	39250	38850	38500	38100	37650	37200	36750	35450	37500
Mean	0	0	0	0	0	0	0	0	50050	49800	49350	48850	48400	47850	47350	46800	46250	44650	47600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	58000	59700	58850	58350	59700	57400	58050	55250	55850	53950	57700
Upper Quartile	0	0	0	0	0	0	0	0	51900	54100	54000	53600	55050	52550	52800	50400	50550	50400	52700
Median	0	0	0	0	0	0	0	0	45500	48600	49650	48850	49350	47550	47300	44800	45650	44900	47550
Lower Quartile	0	0	0	0	0	0	0	0	40600	43800	44900	44100	44450	42200	42200	40350	41000	39650	42350
Lower Decile	0	0	0	0	0	0	0	0	35000	38350	40750	38600	38450	37300	38050	36500	38050	35350	37500
Mean	0	0	0	0	0	0	0	0	46450	48900	49650	48800	49350	47400	47750	45550	45900	44850	47600
Supporting Data																			
Total Number	0	0	1	0	2	3	2	9	15	159	397	488	475	396	326	244	205	518	3240
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

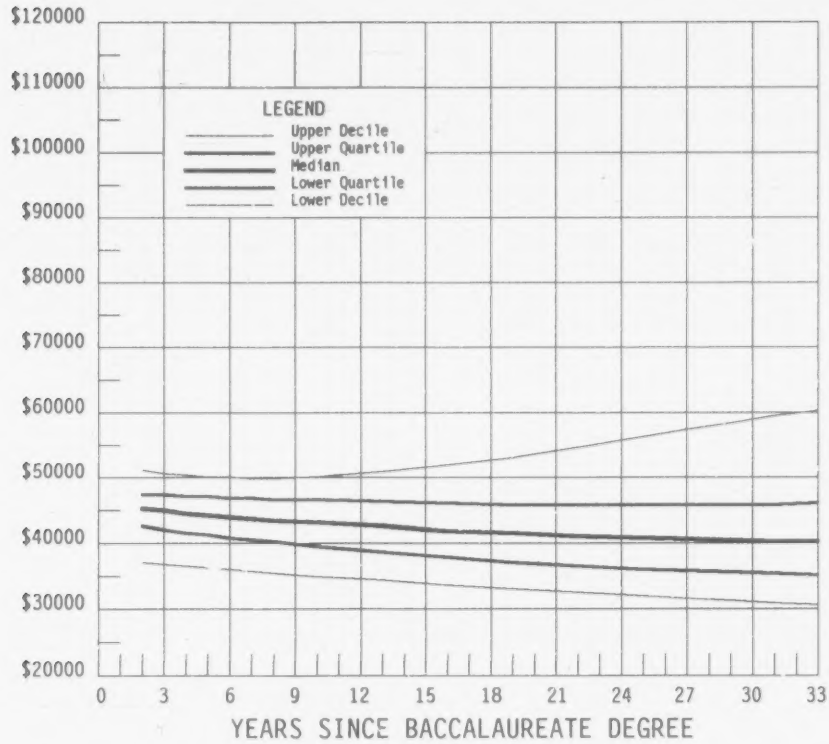
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS, 12 MONTH CONTRACTS ASSOCIATE PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, 12 MONTH CONTRACTS, ASSOCIATE PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	74550	75500	76200	76700	77000	77050	76900	75300	75750
Upper Quartile	0	0	0	0	0	0	0	0	0	0	66600	67750	68550	68950	68950	68550	67750	64050	67700
Median	0	0	0	0	0	0	0	0	0	0	61050	62650	63600	63900	63550	62450	60800	54200	62050
Lower Quartile	0	0	0	0	0	0	0	0	0	0	50100	54600	57850	59200	58350	55550	51300	37650	54900
Lower Decile	0	0	0	0	0	0	0	0	0	0	45450	50350	53850	55050	53650	50100	45100	30950	50100
Mean	0	0	0	0	0	0	0	0	0	0	60000	62100	63450	64050	63800	62700	60900	53500	61450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	72000	78150	73000	82250	77350	73200	75200	76400	75750
Upper Quartile	0	0	0	0	0	0	0	0	0	0	66650	67650	66750	73500	68500	67750	66000	64500	67700
Median	0	0	0	0	0	0	0	0	0	0	62000	62000	61650	67000	64000	63000	58000	54500	62050
Lower Quartile	0	0	0	0	0	0	0	0	0	0	51500	53750	55550	62500	57750	56350	51500	37500	54900
Lower Decile	0	0	0	0	0	0	0	0	0	0	45500	50250	53300	56200	55000	46100	47600	30900	50100
Mean	0	0	0	0	0	0	0	0	0	0	60050	61850	62050	68100	63800	61250	59350	53900	61450
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	1	7	20	34	25	21	30	17	12	19	186
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

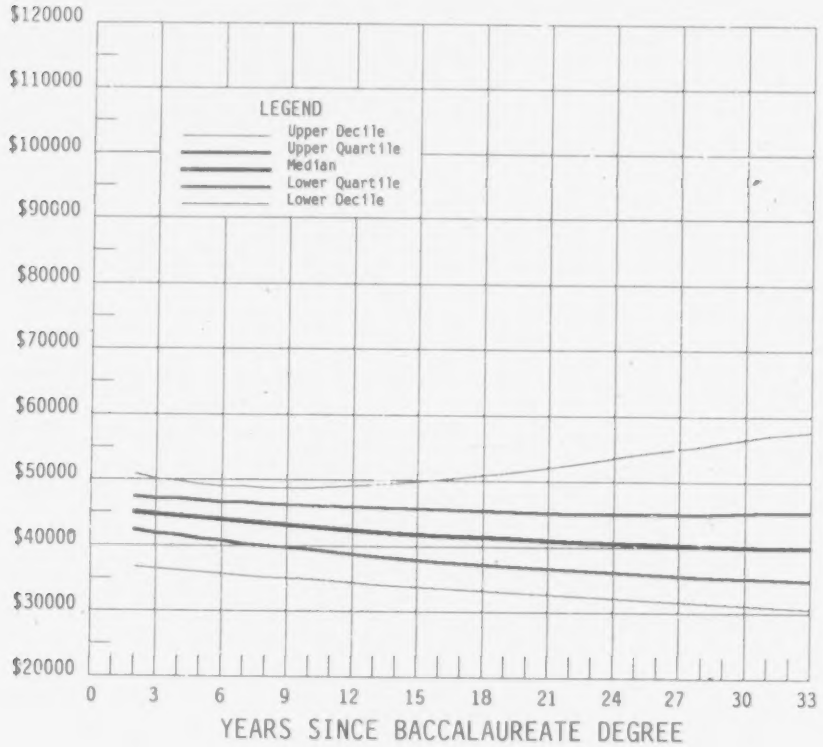
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS
ASSISTANT PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, ASSISTANT PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	51100	50700	50400	50200	50050	50000	50000	50200	50850	51900	53200	54700	56300	57950	59450	62300	51150
Upper Quartile	0	0	47550	47400	47250	47100	47000	46900	46750	46550	46300	46100	46000	45900	45900	45900	46000	46550	46600
Median	0	0	45250	44950	44650	44400	44100	43850	43600	43150	42550	42000	41550	41150	40850	40550	40350	40100	42900
Lower Quartile	0	0	42550	42100	41700	41300	40900	40550	40200	39550	38650	37900	37200	36650	36100	35700	35350	34700	38800
Lower Decile	0	0	37050	36750	36500	36250	36000	35750	35500	35000	34350	33700	33050	32450	31900	31400	30900	29650	33400
Mean	0	0	44300	44100	43900	43700	43550	43400	43250	43000	42700	42500	42350	42300	42350	42500	42700	43700	43000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	46900	49450	49200	48850	49800	48900	49450	51600	51500	51800	51900	48400	50900	63200	55400	66650	51150
Upper Quartile	0	0	45250	48050	45850	46050	46300	45900	46350	47200	46900	47050	45900	43200	44300	45500	42100	47650	46600
Median	0	0	42500	45500	42900	43300	43350	42900	43400	43550	43500	42750	41800	39350	37700	39800	36650	41250	42900
Lower Quartile	0	0	35500	36500	40100	39500	40300	39800	40650	40050	40000	38400	36650	35000	32500	34650	32500	35850	38800
Lower Decile	0	0	30200	27000	34200	32550	35650	34900	36650	36450	35300	33700	31650	31100	27400	31600	28800	30750	33400
Mean	0	0	40450	41950	42500	42400	43200	42350	43150	43700	43500	42950	42200	39800	39900	42700	39350	44850	43000
Supporting Data																			
Total Number	4	5	11	25	53	94	161	217	282	801	587	333	220	112	81	52	62	220	3320
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	1	0	1	0	1	1	3	3	0	0	0	0	0	0	0	10

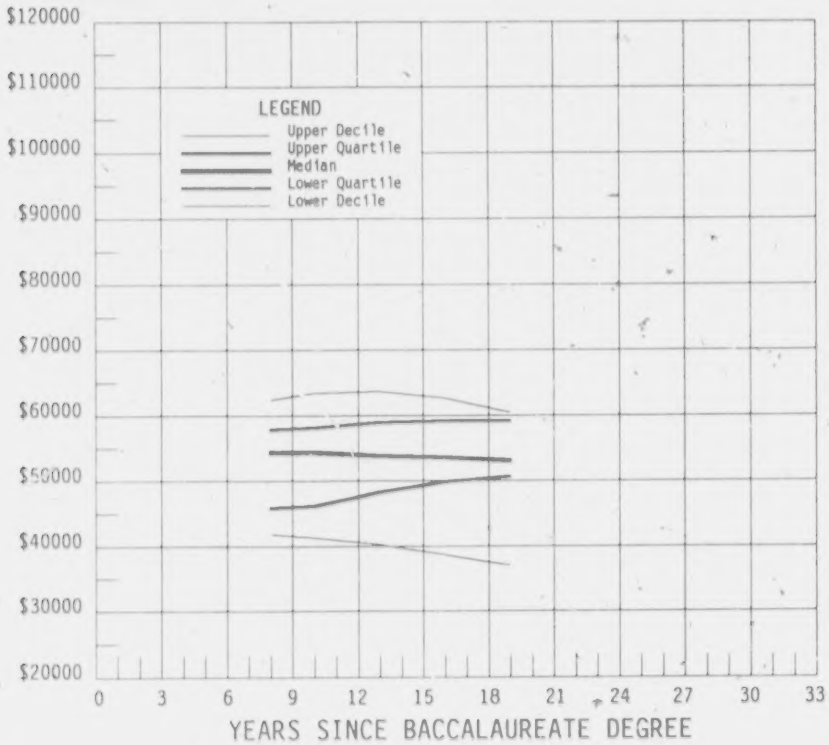
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS, 9 MONTH CONTRACTS
ASSISTANT PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, 9 MONTH CONTRACTS, ASSISTANT PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	50850	50250	49800	49450	49150	48950	48850	48850	49250	50050	51200	52550	54000	55500	56950	59650	49600
Upper Quartile	0	0	47500	47300	47100	46900	46750	46550	46400	46150	45800	45500	45300	45200	45150	45150	45250	45900	46150
Median	0	0	45100	44800	44450	44200	43900	43650	43400	42900	42250	41700	41250	40850	40550	40300	40100	39900	42600
Lower Quartile	0	0	42350	41900	41500	41100	40700	40350	40000	39350	38450	37700	37000	36450	35950	35500	35150	34550	38600
Lower Decile	0	0	36700	36450	36200	36000	35750	35500	35300	34850	34200	33600	33000	32450	31900	31350	30850	29650	33200
Mean	0	0	43750	43550	43350	43150	42950	42800	42650	42400	42100	41950	41850	41850	41900	42050	42250	43050	42450
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	46900	49450	48700	47450	48350	48650	48900	49800	50200	49850	50000	46750	49100	63600	47600	64650	49600
Upper Quartile	0	0	45250	48050	45650	45700	45850	45800	46150	46650	46500	46300	45350	42650	43500	45600	40250	47050	46150
Median	0	0	42500	45500	42850	43000	43050	42850	43250	43250	43200	42350	41550	38950	37500	40100	36200	40950	42600
Lower Quartile	0	0	35500	36500	40000	39250	40050	39900	40550	39750	39750	38200	36350	34600	32700	34700	32350	35600	38600
Lower Decile	0	0	30200	27000	34150	32300	35150	34950	36450	36250	35150	33800	31450	30800	27650	31550	28600	30700	33200
Mean	0	0	40450	41950	42200	41550	42350	42200	42850	42950	42900	42250	41700	39150	39650	42850	37600	44450	42450
---------- Supporting Data ----------																			
Total Number	4	5	11	25	52	87	149	208	270	745	556	310	210	106	75	51	56	215	3135
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	1	0	1	0	1	1	3	3	0	0	0	0	0	0	0	10

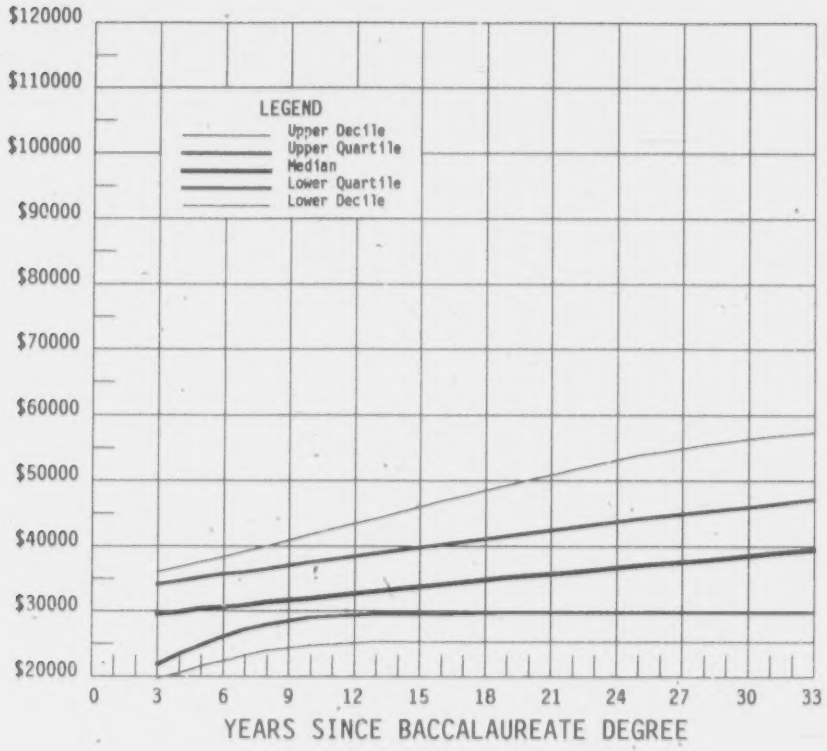
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS, 12 MONTH CONTRACTS ASSISTANT PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, 12 MONTH CONTRACTS, ASSISTANT PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	0	0	0	62450	63350	63700	62700	60550	0	0	0	0	0	63000
Upper Quartile	0	0	0	0	0	0	0	0	57900	58250	58850	59100	59150	0	0	0	0	0	58650
Median	0	0	0	0	0	0	0	0	54500	54300	53950	53500	52950	0	0	0	0	0	54000
Lower Quartile	0	0	0	0	0	0	0	0	45750	46100	48200	49900	50750	0	0	0	0	0	46550
Lower Decile	0	0	0	0	0	0	0	0	41750	41250	40200	38800	37150	0	0	0	0	0	40050
Mean	0	0	0	0	0	0	0	0	52950	53250	53250	52750	51700	0	0	0	0	0	52550
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	0	0	0	58400	64400	62550	63600	60000	0	0	0	0	0	63000
Upper Quartile	0	0	0	0	0	0	0	0	56000	59000	58450	59250	58000	0	0	0	0	0	58650
Median	0	0	0	0	0	0	0	0	51500	55250	53900	52150	54500	0	0	0	0	0	54000
Lower Quartile	0	0	0	0	0	0	0	0	45500	45800	49600	50250	47750	0	0	0	0	0	46550
Lower Decile	0	0	0	0	0	0	0	0	39800	41300	45250	32600	44000	0	0	0	0	0	40050
Mean	0	0	0	0	0	0	0	0	50400	53600	53600	52200	52050	0	0	0	0	0	52550
---------- Supporting Data ----------																			
Total Number	0	0	0	0	1	7	12	9	12	56	31	23	10	6	6	1	6	5	185
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

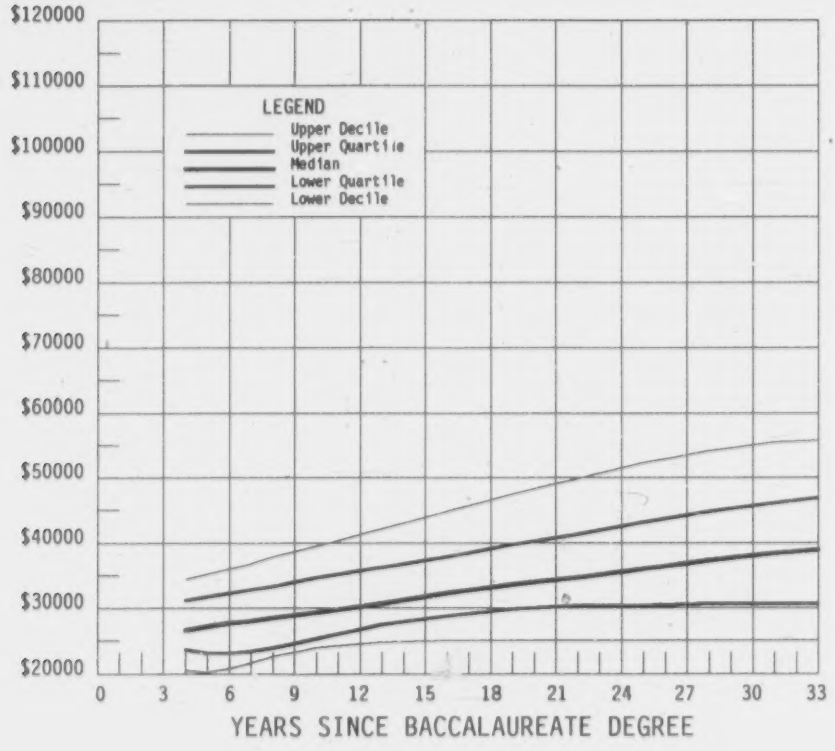
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS
INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	35950	36750	37550	38400	39200	40050	41750	44300	46850	49300	51650	53750	55500	56900	58250	49400
Upper Quartile	0	0	0	34250	34700	35200	35650	36100	36550	37500	38900	40250	41600	42950	44200	45400	46500	48900	40750
Median	0	0	0	29650	29950	30300	30650	31000	31350	32050	33050	34100	35100	36100	37050	38000	38850	40850	34600
Lower Quartile	0	0	0	21950	23350	24750	26050	27100	27950	28950	29550	29700	29750	29750	29750	29750	29750	29750	27900
Lower Decile	0	0	0	19700	20500	21500	22450	23250	23900	24700	25200	25300	25350	25350	25350	25350	25350	25350	23650
Mean	0	0	0	29150	29600	30050	30500	30950	31450	32350	33750	35100	36450	37750	39000	40100	41150	43050	36100
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	32800	37100	41400	37650	39950	40550	43350	41900	45350	45950	46700	55550	71800	60800	56300	49400
Upper Quartile	0	0	0	30000	32650	37100	36200	37500	38750	39600	36900	39800	39600	40100	42950	55250	46250	48300	40750
Median	0	0	0	25000	28000	34000	29500	34000	34650	33000	31100	33150	33250	35250	35800	43500	41000	40150	34600
Lower Quartile	0	0	0	21000	23500	28250	25500	25500	27500	27100	25400	27100	28700	28700	29150	36150	31400	34050	27900
Lower Decile	0	0	0	19200	20800	22400	22200	22800	24200	23800	22550	24050	23850	24300	25150	25400	28900	28250	23650
Mean	0	0	0	25500	28400	32250	30300	33050	33400	33500	31650	34450	34350	36800	38300	47300	41950	42350	36100
---------- Supporting Data ----------																			
Total Number	2	5	3	12	28	26	33	34	32	65	61	51	47	43	43	41	38	117	681
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	4	4	2	3	3	0	2	5	2	1	1	2	2	1	2	36

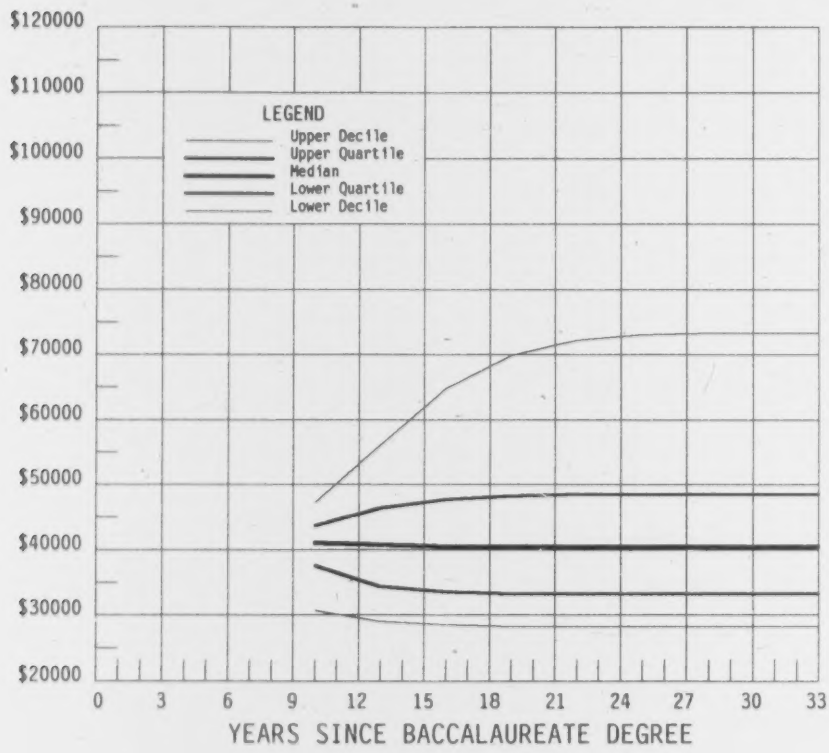
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS, 9 MONTH CONTRACTS INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, 9 MONTH CONTRACTS, INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	34400	35200	36050	36900	37750	39500	42200	44900	47500	49950	52200	54050	55500	56550	48800
Upper Quartile	0	0	0	0	31200	31700	32300	32850	33400	34550	36250	38000	39750	41450	43150	44700	46150	49100	39850
Median	0	0	0	0	26750	27200	27650	28100	28500	29400	30750	32150	33500	34800	36050	37250	38350	40600	32700
Lower Quartile	0	0	0	0	23750	23150	23100	23400	23900	25250	27350	28900	29800	30300	30500	30600	30600	30600	26350
Lower Decile	0	0	0	0	20450	20200	20800	21700	22600	23900	24750	25000	25050	25050	25050	25050	25050	25050	22950
Mean	0	0	0	0	27300	27800	28250	28750	29200	30200	31700	33200	34700	36150	37600	38950	40150	42700	34800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	33000	41450	37200	38000	37950	38400	40400	45800	42500	41900	60800	71200	62400	53900	48800
Upper Quartile	0	0	0	0	30000	34750	31000	33000	35850	34450	35350	39200	38000	39250	41600	51500	48500	48250	39850
Median	0	0	0	0	26000	29750	27000	26000	30500	29800	30800	32650	31650	34250	34500	41000	40000	40100	32700
Lower Quartile	0	0	0	0	22500	23500	24000	24350	26100	25200	25000	26500	28000	28100	28000	35000	31000	34400	26350
Lower Decile	0	0	0	0	20000	21400	21200	20650	23400	23000	22100	23600	23500	23800	24800	24800	28700	28300	22950
Mean	0	0	0	0	26400	30100	28300	28500	30900	30000	30650	34000	32900	33950	37250	46250	41850	41800	34800
Supporting Data																			
Total Number	1	5	3	9	20	17	24	20	21	45	52	44	40	37	36	32	34	97	537
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	4	2	3	3	0	2	5	2	1	1	2	2	1	2	36

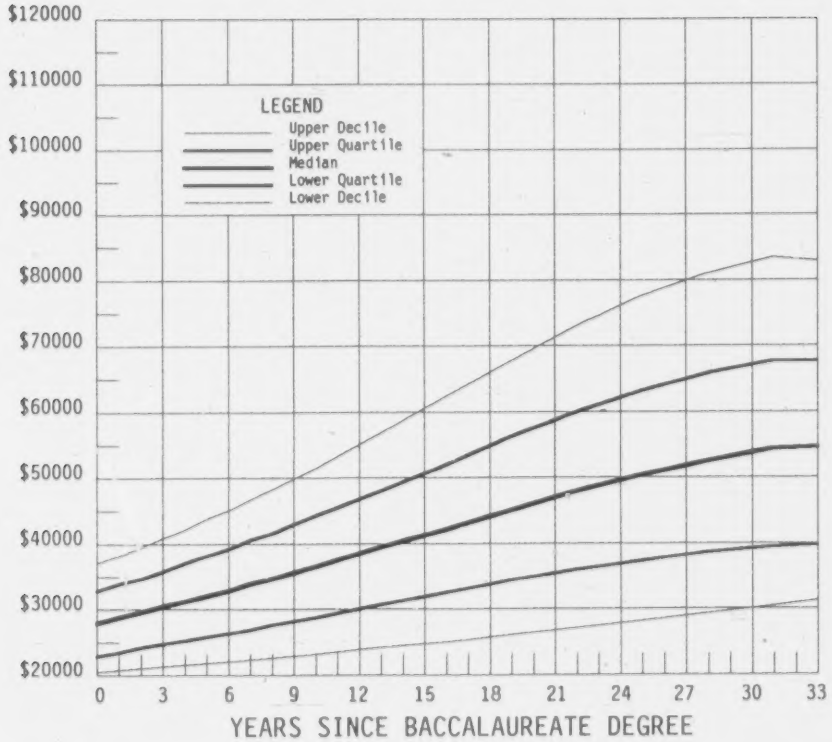
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS, 12 MONTH CONTRACTS INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, 12 MONTH CONTRACTS, INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	47300	56100	64800	70000	72300	73050	73300	73350	73350	53300
Upper Quartile	0	0	0	0	0	0	0	0	0	43800	46450	47650	48200	48450	48500	48550	48550	48550	44000
Median	0	0	0	0	0	0	0	0	0	41000	40700	40500	40450	40450	40450	40450	40450	40450	38450
Lower Quartile	0	0	0	0	0	0	0	0	0	37500	34500	33600	33400	33350	33350	33350	33350	33350	35600
Lower Decile	0	0	0	0	0	0	0	0	0	30800	29200	28550	28350	28300	28300	28300	28300	28300	30250
Mean	0	0	0	0	0	0	0	0	0	40900	42550	43750	44450	44800	45000	45050	45100	45100	40950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	50000	0	0	0	0	0	0	0	72000	53300
Upper Quartile	0	0	0	0	0	0	0	0	0	44000	0	0	0	0	0	0	0	48500	44000
Median	0	0	0	0	0	0	0	0	0	41500	0	0	0	0	0	0	0	40250	38450
Lower Quartile	0	0	0	0	0	0	0	0	0	38600	0	0	0	0	0	0	0	33000	35600
Lower Decile	0	0	0	0	0	0	0	0	0	32000	0	0	0	0	0	0	0	28000	30250
Mean	0	0	0	0	0	0	0	0	0	41400	0	0	0	0	0	0	0	45000	40950
Supporting Data																			
Total Number	1	0	0	3	8	9	9	14	11	20	9	7	7	6	7	9	4	20	144
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

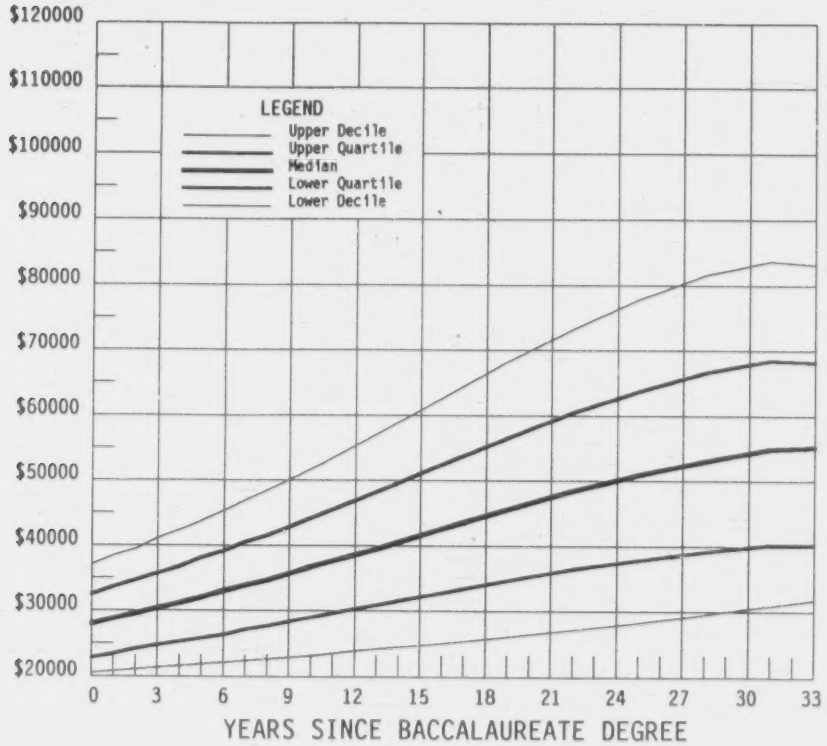
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS RESEARCHERS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, RESEARCHERS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36950	38200	39500	40850	42250	43700	45200	46750	48300	51600	56850	62300	67750	72950	77550	81150	83400	81300	62700
Upper Quartile	32750	33750	34800	35850	36950	38100	39250	40450	41650	44150	48100	52100	56150	59950	63300	66000	67850	67500	49900
Median	27950	28750	29500	30350	31150	32000	32850	33750	34650	36500	39350	42250	45150	47950	50500	52650	54300	55400	39050
Lower Quartile	23050	23600	24150	24750	25300	25900	26450	27050	27650	28900	30700	32550	34300	35950	37400	38600	39500	40050	30450
Lower Decile	20500	20750	21000	21250	21550	21800	22100	22400	22650	23250	24150	25100	26100	27100	28200	29300	30400	33600	24050
Mean	28400	29200	30000	30850	31700	32600	33500	34400	35350	37250	40200	43200	46200	48950	51450	53500	54900	55200	41800
Raw (Unsmoothed) Statistics																			
Upper Decile	35800	0	36100	40700	40250	44700	46400	47150	48600	53500	55600	62550	64950	71750	79400	78800	85500	82000	62700
Upper Quartile	30500	0	32500	35250	35600	39300	40000	39400	43700	43600	47250	52250	56200	57350	66000	60500	66000	69350	49900
Median	24500	0	30200	30250	31000	35000	31450	31900	34350	35750	41000	45300	42800	45350	51000	47500	56000	56800	39050
Lower Quartile	22500	0	24750	24400	25150	28900	25200	25500	25800	28300	34000	35400	33800	35500	33600	34500	39100	41650	30450
Lower Decile	20200	0	19900	21100	20800	24300	21450	21050	20400	23150	27350	25700	25900	26400	30250	21700	29800	36000	24050
Mean	26700	0	28700	30300	30500	34950	33200	33850	34900	37650	41050	45100	44450	47450	52150	48600	55050	56600	41800
Supporting Data																			
Total Number	11	5	19	31	35	53	60	69	54	184	144	102	98	72	56	46	38	100	1177
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	0	4	4	5	2	7	9	9	15	2	5	4	4	3	5	1	2	83

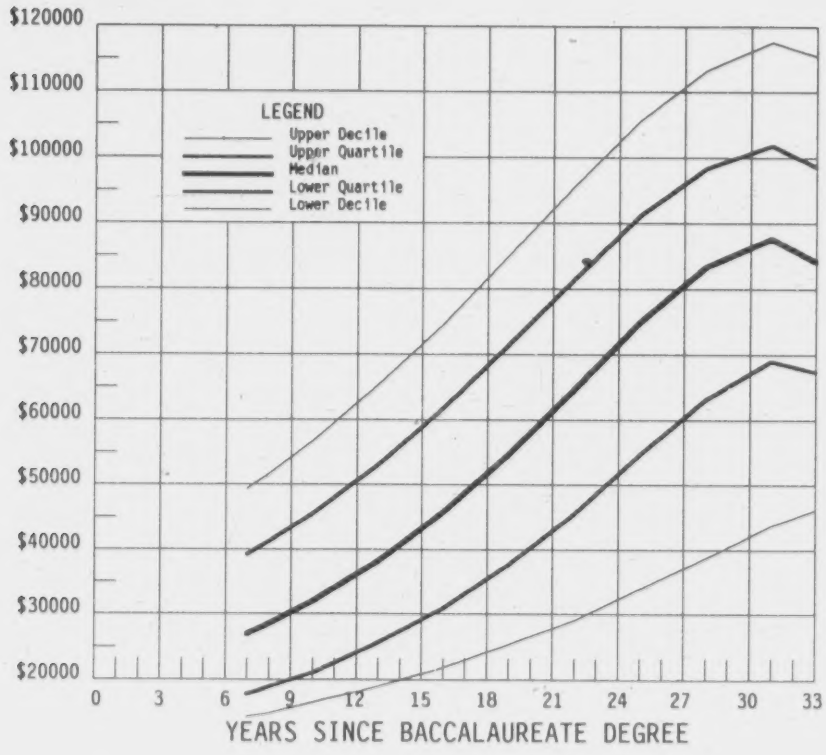
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS, 12 MONTH CONTRACTS RESEARCHERS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, 12 MONTH CONTRACTS, RESEARCHERS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37050	38300	39600	40950	42400	43850	45350	46900	48500	51800	57100	62600	68150	73400	78000	81600	83800	81450	62900
Upper Quartile	32600	33650	34700	35750	36900	38050	39250	40450	41700	44250	48300	52450	56550	60450	63850	66600	68400	67650	50350
Median	28000	28800	29600	30400	31250	32100	33000	33900	34800	36700	39600	42600	45550	48400	51000	53200	54900	56000	39350
Lower Quartile	23000	23550	24150	24700	25300	25900	26500	27150	27750	29000	30950	32850	34700	36450	37950	39250	40150	40700	30450
Lower Decile	20500	20750	21000	21250	21550	21800	22100	22400	22650	23250	24200	25150	26200	27250	28400	29600	30850	34500	24000
Mean	28300	29100	29950	30800	31700	32600	33500	34450	35400	37400	40450	43550	46650	49550	52150	54200	55700	55800	42000
Raw (Unsmoothed) Statistics																			
Upper Decile	35800	0	36100	40700	40550	45000	46500	47900	48500	53750	55300	62750	65600	72400	79800	79800	86250	81900	62900
Upper Quartile	30500	0	32500	35250	35900	39100	39900	39200	43700	45900	47200	52600	56650	57650	67000	61750	65000	69500	50350
Median	24500	0	30200	30250	32200	35000	31150	32000	34650	36900	41100	45600	43100	45850	51800	48500	55500	57400	39350
Lower Quartile	22500	0	24750	24400	26100	29000	25000	25450	25750	27950	34250	36400	33250	35850	36000	34900	38550	42250	30450
Lower Decile	20200	0	19900	21100	20650	25000	21300	21200	20200	23150	27500	25550	25500	25700	30100	24550	29500	36350	24000
Mean	26700	0	28700	30300	30850	35100	32950	33950	35000	37800	41100	45550	44650	47800	53300	50500	54700	57100	42000
Supporting Data																			
Total Number	11	5	19	31	33	50	58	64	50	175	137	99	90	67	52	41	35	95	1112
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	0	4	4	5	1	7	8	9	14	2	5	4	4	3	3	1	2	78

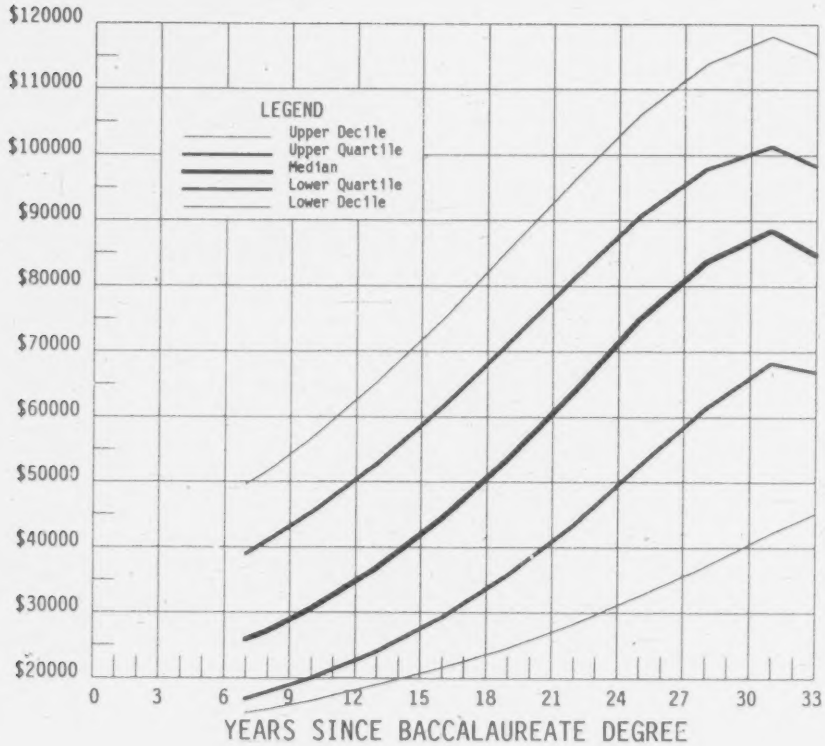
SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS ADMINISTRATORS



1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, ADMINISTRATORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	49450	51800	56800	65250	74800	85150	95800	105650	113400	117700	108300	104250
Upper Quartile	0	0	0	0	0	0	0	39200	41200	45600	53150	61900	71600	81700	91100	98300	101750	89450	88250
Median	0	0	0	0	0	0	0	26950	28500	31950	38200	45800	54800	64850	75050	83400	87650	73950	72500
Lower Quartile	0	0	0	0	0	0	0	17750	18800	21150	25500	30900	37650	45700	54650	63200	69200	61750	52750
Lower Decile	0	0	0	0	0	0	0	14350	15000	16400	18850	21750	25200	29200	33800	38750	43800	52750	22950
Mean	0	0	0	0	0	0	0	29250	30850	34250	40300	47400	55650	64650	73550	81050	85450	76750	70150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	55700	0	48500	61350	79600	91600	99100	103050	111700	113500	109500	104250
Upper Quartile	0	0	0	0	0	0	0	39900	0	41000	48500	67400	79000	85950	88750	95250	95600	91150	88250
Median	0	0	0	0	0	0	0	31000	0	26000	34000	52250	60000	71000	74900	79150	78800	76000	72500
Lower Quartile	0	0	0	0	0	0	0	24750	0	20500	20500	31500	35000	48900	64950	60100	65650	61650	52750
Lower Decile	0	0	0	0	0	0	0	22200	0	19000	19000	20050	20000	20550	50900	42050	50600	48550	22950
Mean	0	0	0	0	0	0	0	34700	0	30300	35100	50850	58350	67700	76150	77550	80850	77750	70150
Supporting Data																			
Total Number	0	2	6	2	3	3	6	11	5	20	30	51	84	77	143	157	142	276	1018
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	4	5	9	23
Less Than $22000	0	0	0	0	0	0	0	1	0	8	12	10	17	12	4	13	3	5	98

SALARY CURVES FOR ENGINEERS IN ALL SCHOOLS, 12 MONTH CONTRACTS ADMINISTRATORS

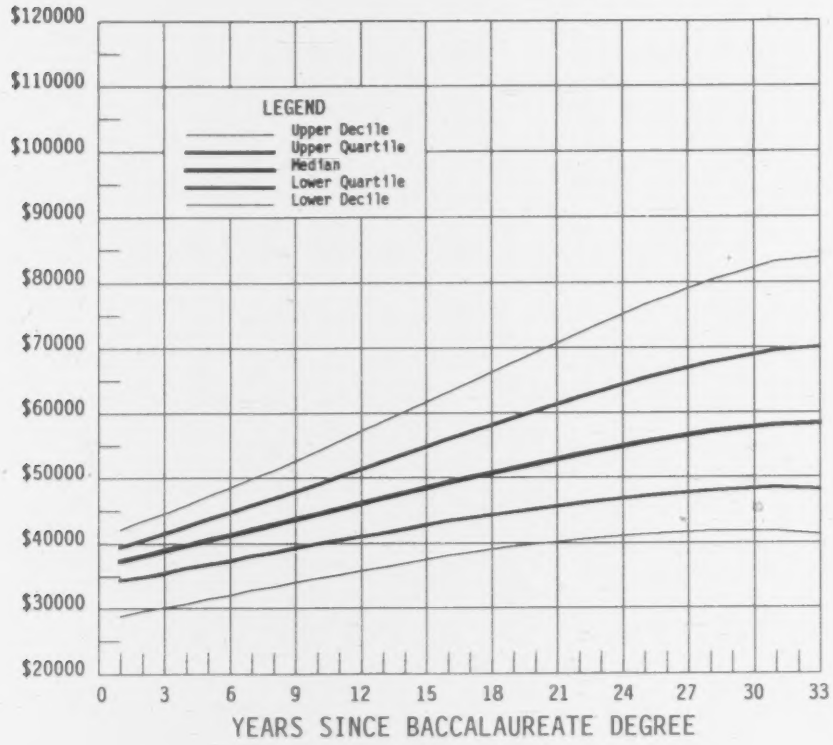


1990 ENGINEERING SALARY STATISTICS: ALL SCHOOLS, 12 MONTH CONTRACTS, ADMINISTRATORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	49500	51850	56850	65400	75000	85500	96200	106100	113850	118050	108100	104350
Upper Quartile	0	0	0	0	0	0	0	39050	41050	45400	52850	61500	71150	81200	90600	97850	101400	89550	87550
Median	0	0	0	0	0	0	0	25750	27300	30700	36850	44500	53650	64100	74850	83800	88450	73700	72400
Lower Quartile	0	0	0	0	0	0	0	16800	17800	20050	24100	29300	35750	43550	52500	61400	68250	63100	51400
Lower Decile	0	0	0	0	0	0	0	14700	15300	16600	18850	21550	24650	28300	32450	37100	42100	54000	21700
Mean	0	0	0	0	0	0	0	28950	30500	33900	39850	46950	55150	64150	73100	80700	85250	76750	69500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	55700	0	48500	61450	82250	91100	101000	102500	112200	113700	109350	104350
Upper Quartile	0	0	0	0	0	0	0	39900	0	41000	49250	66750	79250	82500	88100	95400	96150	91050	87550
Median	0	0	0	0	0	0	0	31000	0	26000	31000	49250	61200	70400	74850	79000	79500	75650	72400
Lower Quartile	0	0	0	0	0	0	0	24750	0	20500	20400	24500	33750	47000	64900	58650	67600	61950	51400
Lower Decile	0	0	0	0	0	0	0	22200	0	19000	18950	19650	19850	20250	46700	38300	53600	49000	21700
Mean	0	0	0	0	0	0	0	34700	0	30300	35050	49200	58300	66750	75800	77050	81350	77600	69500
Supporting Data																			
Total Number	0	2	6	2	3	3	6	11	5	20	29	41	79	68	128	132	126	243	904
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	4	4	8	21
Less Than $22000	0	0	0	0	0	0	0	1	0	8	12	10	17	12	4	13	3	5	98

ENGINEERING SCHOOLS, BY PH.D-GRANTING STATUS AND LENGTH OF CONTRACTS

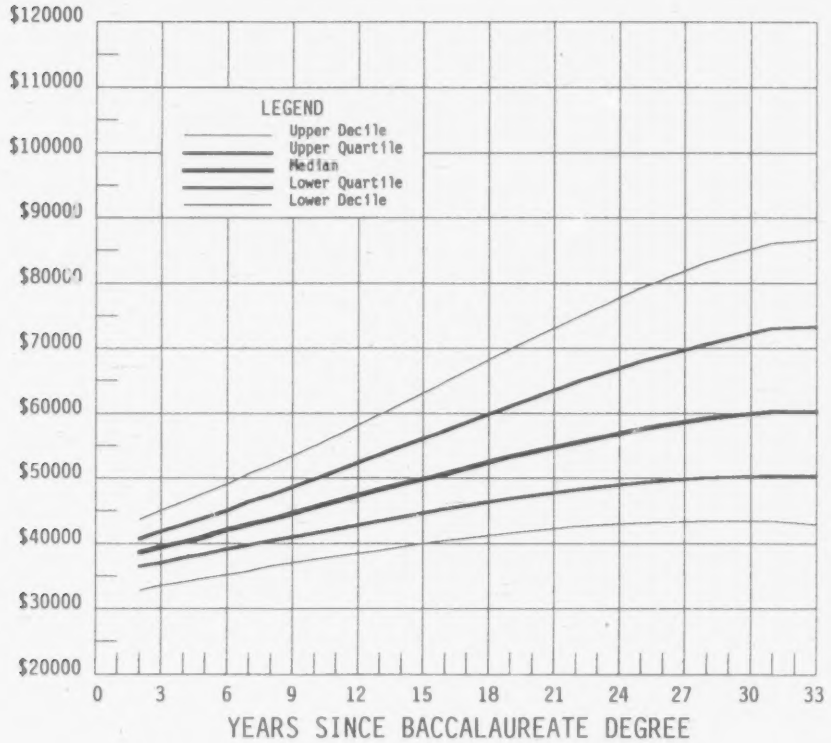
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS PROFESSORS AND INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, PROFESSORS AND INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	42200	43400	44650	45900	47200	48500	49850	51250	54100	58600	63200	67850	72350	76550	80200	83100	85600	74900
Upper Quartile	0	39600	40600	41600	42600	43650	44700	45800	46900	49100	52500	55950	59300	62450	65350	67750	69650	71100	62000
Median	0	37400	38150	38950	39700	40500	41300	42100	42900	44500	46950	49300	51550	53650	55500	57000	58150	59100	50850
Lower Quartile	0	34300	34900	35550	36150	36800	37400	38050	38650	39900	41700	43400	44900	46250	47300	48050	48500	48050	43450
Lower Decile	0	28900	29550	30200	30800	31450	32100	32700	33350	34600	36400	38050	39450	40600	41400	41850	41850	39950	38450
Mean	0	36450	37300	38150	39000	39900	40800	41700	42650	44500	47300	50100	52750	55200	57400	59150	60400	61000	54000
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	45500	46600	49200	48000	48600	49650	49300	49700	54000	57400	63400	67350	74700	77250	81250	81250	85550	74900
Upper Quartile	0	42500	44500	47400	44500	45700	46100	45900	46350	48500	51600	55000	59200	63450	66100	69850	69300	70700	62000
Median	0	32000	41000	44000	41400	42500	42800	42650	43250	44150	45950	48300	51000	53500	56400	59050	59000	58550	50850
Lower Quartile	0	24500	30500	30000	33500	37750	38750	38850	40050	40450	41750	42750	44350	45500	47200	48650	49200	47950	43450
Lower Decile	0	22000	24800	21200	24300	30400	30550	33000	35950	36400	37750	37950	38850	39400	40350	41350	41950	40250	38450
Mean	0	32150	37450	38300	38850	41200	41950	41900	42900	44550	46750	49500	52450	55450	57700	60300	60350	60800	54000
---------- Supporting Data ----------																			
Total Number	5	10	14	32	73	116	181	250	318	1012	1057	959	968	902	986	1027	996	2620	11526
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	0	5	11
Less Than $22000	0	1	0	4	4	3	3	5	1	6	5	2	1	1	1	0	1	4	42

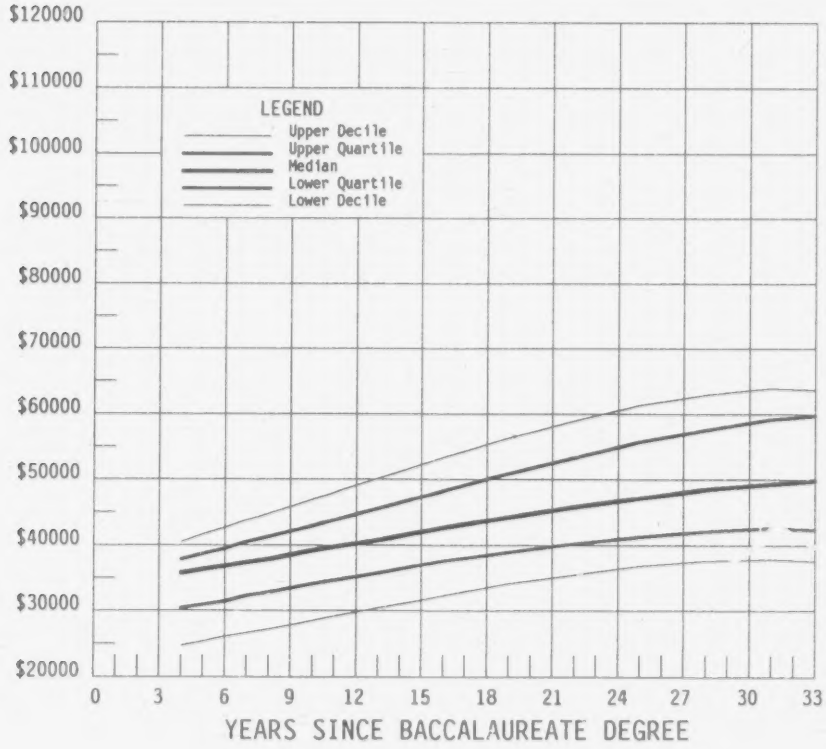
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS PROFESSORS AND INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, PROFESSORS AND INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	43750	45050	46350	47750	49150	50550	52050	55050	59850	64800	69800	74650	79200	83100	86100	88350	77600
Upper Quartile	0	0	40700	41800	42850	44000	45100	46300	47450	49850	53600	57400	61150	64750	68000	70800	72950	74700	64000
Median	0	0	38550	39400	40250	41100	42000	42850	43750	45550	48200	50800	53300	55550	57550	59150	60250	60650	52550
Lower Quartile	0	0	36500	37150	37800	38500	39150	39800	40450	41700	43550	45300	46850	48200	49300	50050	50500	49950	44850
Lower Decile	0	0	32900	33500	34100	34650	35250	35800	36400	37500	39050	40450	41650	42550	43200	43500	43450	41750	40200
Mean	0	0	38350	39250	40150	41100	42050	43000	43950	45900	48900	51800	54650	57250	59550	61400	62750	63350	55950
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	46900	49450	49000	49450	50950	49800	50350	55050	58450	65150	69500	77200	80000	83650	84300	88350	77600
Upper Quartile	0	0	45250	48050	45550	46450	46800	46550	46950	49300	52250	56650	61050	65700	68650	73650	72650	74200	64000
Median	0	0	42500	45500	42700	44100	43950	43550	44050	45000	46750	49500	52800	55700	59250	61550	61100	60000	52550
Lower Quartile	0	0	31500	32500	39100	41400	41250	41250	41400	41600	42600	44050	46450	47850	49800	51850	51600	49500	44850
Lower Decile	0	0	24200	23000	28600	35600	37400	37800	38100	38200	39200	39650	41050	41800	43200	43800	43950	41700	40200
Mean	0	0	39200	40900	41350	43350	43800	43350	44000	45700	47750	51000	54450	57700	60350	63150	62850	62950	55950
---------- Supporting Data ----------																			
Total Number	5	6	11	25	53	88	141	196	262	850	901	769	780	730	781	807	797	2152	9354
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	0	5	11
Less Than $22000	0	0	0	2	0	2	2	2	0	3	4	0	1	1	0	0	1	4	23

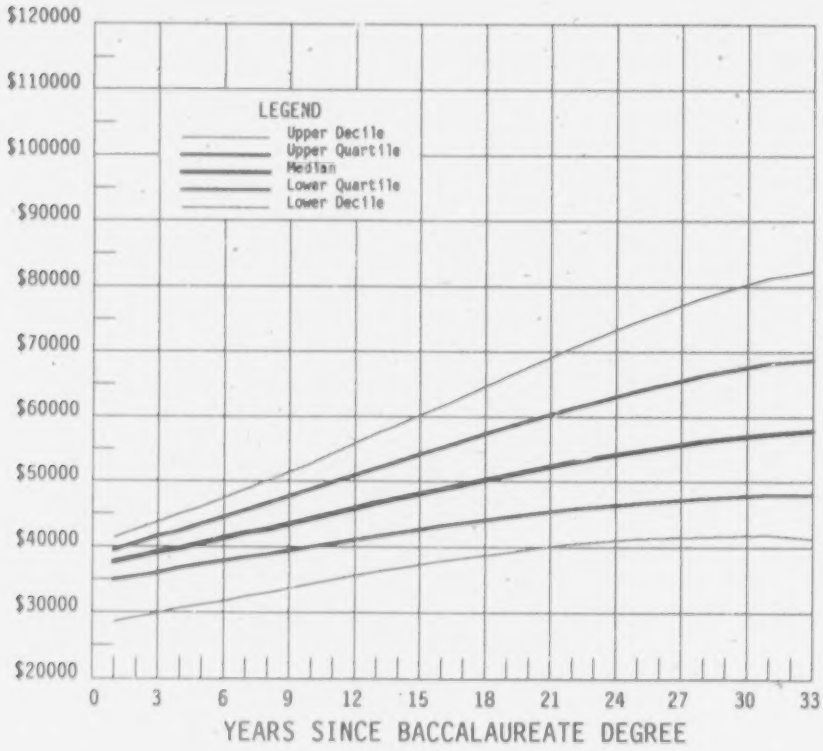
SALARY CURVES FOR ENGINEERS IN NON PHD-GRANTING SCHOOLS PROFESSORS AND INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: NON PHD-GRANTING SCHOOLS, PROFESSORS AND INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	40600	41600	42650	43700	44750	46900	50150	53300	56350	59050	61300	63000	64000	63050	61450
Upper Quartile	0	0	0	0	37950	38800	39600	40450	41300	43050	45650	48300	50850	53350	55600	57600	59200	61300	52800
Median	0	0	0	0	35750	36300	36850	37450	38000	39150	40900	42550	44200	45750	47150	48400	49450	51150	44050
Lower Quartile	0	0	0	0	30400	31000	31600	32200	32050	34050	35800	37500	39000	40350	41400	42150	42550	41850	38550
Lower Decile	0	0	0	0	24800	25400	26050	26650	27300	28600	30500	32350	34050	35550	36750	37600	38000	36850	33100
Mean	0	0	0	0	34200	34900	35600	36300	37050	38500	40600	42700	44700	46550	48100	49400	50350	50850	45650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	42500	40600	43400	43500	43850	46450	51150	52900	56350	59450	62000	62800	62950	63200	61450
Upper Quartile	0	0	0	0	37500	38500	40250	40500	41750	42900	45550	49200	49750	51950	56150	58650	59450	61100	52800
Median	0	0	0	0	34000	36300	37000	37250	39050	39450	40800	43250	43250	44650	46650	49500	50300	50900	44050
Lower Quartile	0	0	0	0	23000	31000	30000	34250	34500	35350	36000	38300	38950	39250	40050	41950	43050	42050	38550
Lower Decile	0	0	0	0	20000	23800	26650	26400	29750	28800	30800	34150	33900	35150	34650	37350	38350	37100	33100
Mean	0	0	0	0	32150	34450	35550	36450	37750	38600	40900	43400	44100	46050	47650	49750	50500	50900	45650
Supporting Data																			
Total Number	0	4	3	7	20	28	40	54	56	162	156	190	188	172	205	220	199	468	2172
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	4	1	1	3	1	3	1	2	0	0	1	0	0	0	19

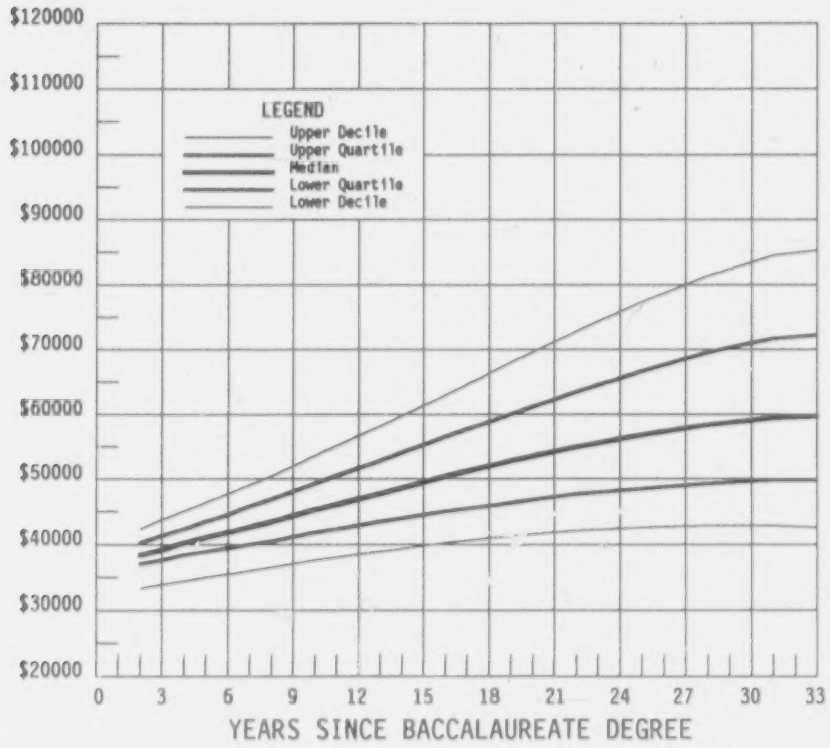
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS, 9 MONTH CONTRACTS PROFESSORS AND INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, 9 MONTH CONTRACTS, PROFESSORS AND INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	41450	42600	43800	45000	46250	47500	48800	50150	52900	57200	61650	66150	70600	74750	78450	81450	84800	73900
Upper Quartile	0	39600	40550	41500	42500	43500	44500	45550	46550	48700	51900	55150	58300	61350	64100	66500	68350	70250	61400
Median	0	37650	38350	39100	39800	40550	41300	42050	42800	44350	46600	48850	50950	52950	54700	56200	57400	58750	50350
Lower Quartile	0	35000	35550	36100	36700	37250	37850	38400	38950	40050	41650	43150	44550	45750	46750	47500	48000	47900	43300
Lower Decile	0	28650	29250	29900	30550	31150	31800	32450	33100	34350	36150	37800	39250	40450	41250	41700	41750	39900	38450
Mean	0	36350	37150	38000	38850	39700	40550	41450	42300	44100	46750	49400	52000	54350	56500	58250	59600	60600	53500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	45500	46600	49300	47950	47600	48400	49000	49300	52200	55850	61850	65950	72750	75800	79750	79500	84700	73900
Upper Quartile	0	42500	44500	47650	44800	45600	45750	45900	46250	47850	51050	54150	58300	62300	65250	67950	68200	69850	61400
Median	0	32000	41000	44650	41950	42750	42800	42800	43300	43950	45650	47700	50350	52800	55600	58250	58500	58150	50350
Lower Quartile	0	24500	30500	32250	34650	38650	39250	39600	40450	40300	41550	42500	44050	45100	46750	48100	48800	47750	43300
Lower Decile	0	22000	24800	20900	23600	30000	29550	32700	36050	36150	37700	37750	38600	39150	40100	41150	41850	40200	38450
Mean	0	32150	37450	39100	39250	40800	41400	41900	42850	43950	46250	48750	51600	54550	56950	59450	59650	60350	53500
Supporting Data																			
Total Number	5	10	14	29	64	100	161	227	293	928	997	896	910	849	922	968	944	2525	10842
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	3	7
Less Than $22000	0	1	0	4	4	3	3	5	1	6	5	2	1	1	1	0	1	4	42

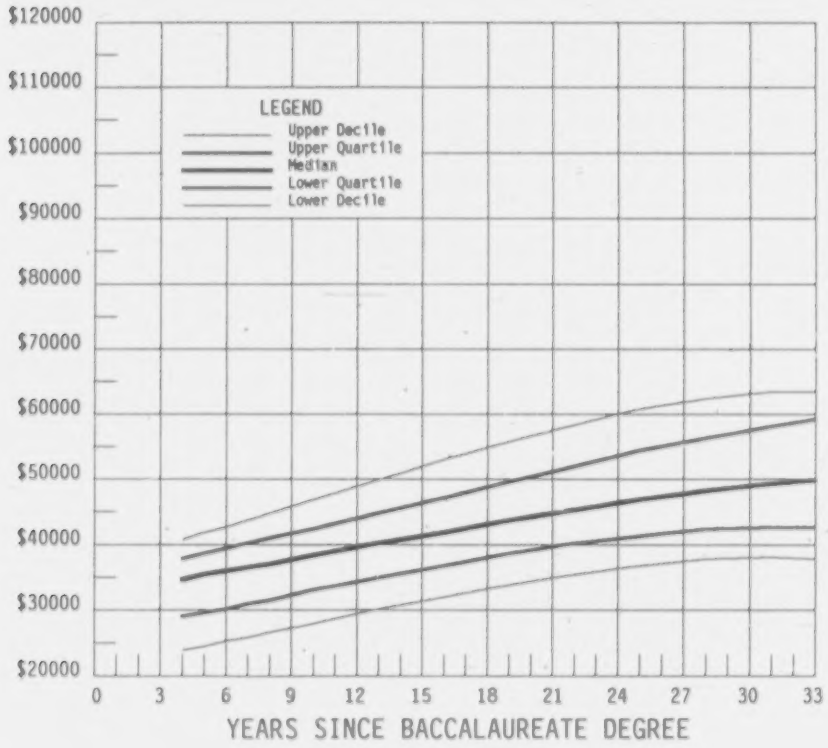
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS, 9 MONTH CONTRACTS PROFESSORS AND INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, 9 MONTH CONTRACTS, PROFESSORS AND INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	42500	43750	45050	46350	47700	49100	50500	53500	58150	63000	67950	72800	77400	81450	84650	87750	76300
Upper Quartile	0	0	40400	41450	42500	43550	44650	45800	46900	49250	52850	56500	60100	63600	66800	69600	71800	74050	63200
Median	0	0	38500	39300	40150	41000	41800	42700	43550	45250	47800	50350	52750	54950	56850	58400	59550	60200	51850
Lower Quartile	0	0	37100	37700	38300	38900	39450	40050	40650	41800	43450	45050	46450	47650	48650	49400	49850	49650	44600
Lower Decile	0	0	33350	33900	34450	35000	35550	36050	36600	37600	39050	40300	41400	42250	42800	43050	43050	41500	40050
Mean	0	0	38100	38950	39850	40750	41650	42600	43500	45400	48250	51050	53800	56350	58600	60450	61850	62800	55300
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	46900	49550	48650	48200	48900	49300	49650	52850	56550	63450	67600	74900	79200	82500	82650	87600	76300
Upper Quartile	0	0	45250	48300	45650	46150	46300	46350	46700	48500	51600	55450	59950	64350	67700	72850	71700	73450	63200
Median	0	0	42500	46150	42950	44000	43650	43500	43900	44650	46450	49000	52200	55000	58450	60950	60550	59500	51850
Lower Quartile	0	0	31500	43250	40400	41250	41150	41250	41400	41450	42450	43750	46150	47500	49350	51100	51100	49150	44600
Lower Decile	0	0	24200	22400	30800	36000	37400	38100	38200	38150	39200	39450	40850	41550	43000	43300	43550	41450	40050
Mean	0	0	39200	42300	41900	42650	42950	43100	43750	45000	47250	50150	53600	56700	59550	62300	62000	62400	55300
---------- Supporting Data ----------																			
Total Number	5	6	11	22	48	80	131	188	251	793	858	725	732	685	725	755	752	2071	8838
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	3	7
Less Than $22000	0	0	0	2	0	2	2	2	0	3	4	0	1	1	0	0	1	4	23

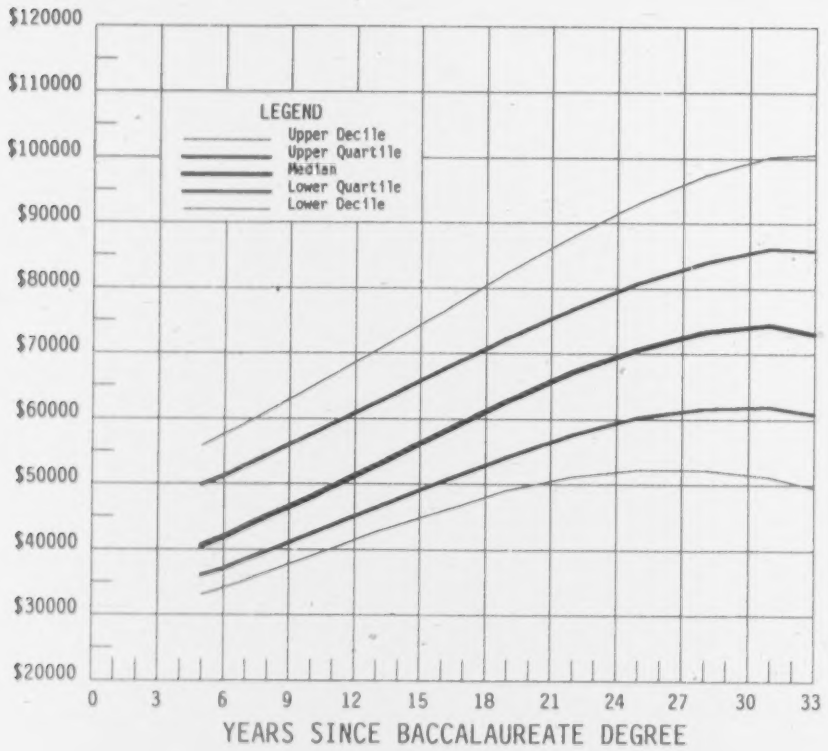
SALARY CURVES FOR ENGINEERS IN NON PHD-GRANTING SCHOOLS, 9 MONTH PROFESSORS AND INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: NON PHD-GRANTING SCHOOLS, 9 MONTH, PROFESSORS AND INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	40800	41750	42750	43750	44800	46850	49950	53000	55850	58500	60700	62450	63550	63100	61500
Upper Quartile	0	0	0	0	37900	38650	39400	40150	40950	42500	44900	47300	49700	52050	54300	56400	58250	61700	52850
Median	0	0	0	0	34750	35350	35950	36550	37150	38350	40150	41950	43700	45350	46850	48200	49350	51150	44100
Lower Quartile	0	0	0	0	28950	29600	30250	30900	31600	32950	34950	36850	38600	40150	41450	42300	42800	41950	38600
Lower Decile	0	0	0	0	24050	24650	25300	25950	26600	27950	30000	31950	33800	35450	36800	37800	38250	37150	33000
Mean	0	0	0	0	33500	34200	34900	35600	36350	37800	39950	42100	44150	46050	47750	49150	50200	51000	45650
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	43100	41000	43250	43600	43700	46600	50650	52600	55300	58800	61800	62350	62800	63150	61500
Upper Quartile	0	0	0	0	38000	39200	40450	41100	42100	42400	44350	46900	47900	51400	55450	58050	59350	61100	52850
Median	0	0	0	0	33000	33350	36000	37150	38750	38700	40000	42750	42800	44300	46200	49250	50200	50950	44100
Lower Quartile	0	0	0	0	22000	29350	28750	31500	33650	34150	35550	37950	38750	39000	39900	42000	43200	42200	38600
Lower Decile	0	0	0	0	19600	23000	26000	24900	28800	28100	30650	34200	33500	35000	34550	37750	38450	37450	33000
Mean	0	0	0	0	31300	33300	34650	36050	37350	37900	40200	42800	43450	45700	47300	49400	50450	51000	45650
---------- Supporting Data ----------																			
Total Number	0	4	3	7	16	20	30	39	42	135	139	171	178	164	197	213	192	454	2004
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	4	1	1	3	1	3	1	2	0	0	1	0	0	0	19

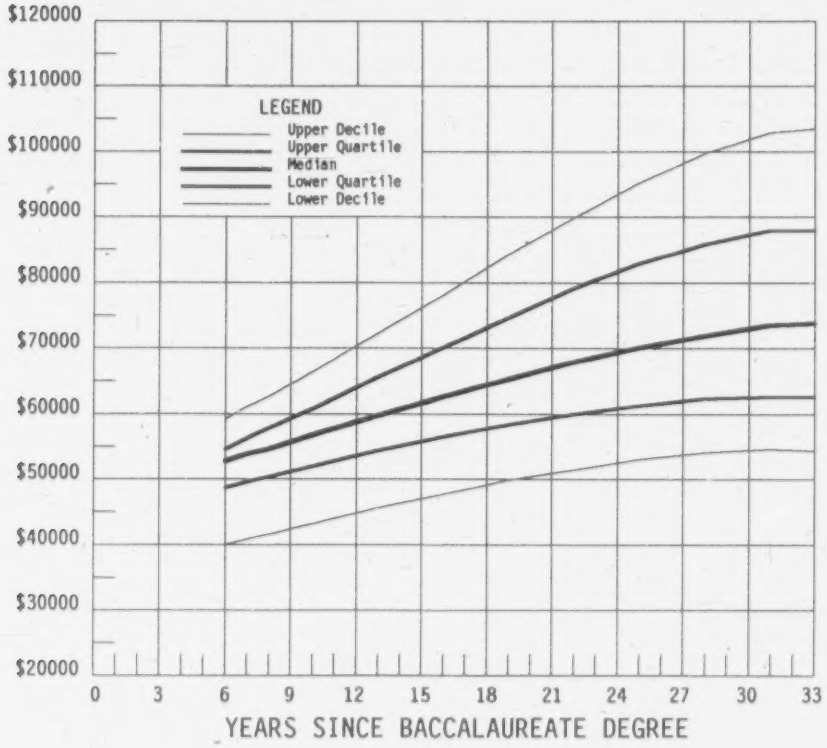
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS, 12 MONTH CONTRACTS PROFESSORS AND INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, 12 MONTH CONTRACTS, PROFESSORS AND INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	55800	57500	59250	61000	64700	70450	76400	82350	88000	93150	97350	100350	100700	87400
Upper Quartile	0	0	0	0	0	49850	51300	52800	54350	57500	62400	67350	72250	76800	80800	84000	86100	85400	72600
Median	0	0	0	0	0	40550	42000	43450	44950	48050	52900	57850	62750	67150	70800	73300	74350	69700	59750
Lower Quartile	0	0	0	0	0	35950	37150	38400	39650	42300	46350	50400	54250	57600	60150	61700	62000	57050	50000
Lower Decile	0	0	0	0	0	33000	34150	35300	36500	38900	42550	45950	48950	51150	52350	52400	51300	44000	38050
Mean	0	0	0	0	0	42650	44050	45450	46900	49900	54550	59250	63850	68100	71600	74100	75400	72150	62050
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	59200	61350	58800	56650	63700	68000	78250	87200	92650	91000	92750	99500	101550	87400
Upper Quartile	0	0	0	0	0	56000	56000	45900	51100	58200	61800	66600	74500	83100	77000	83300	85000	85800	72600
Median	0	0	0	0	0	38000	44000	37700	40500	52500	54500	59250	62500	68350	66400	71750	71000	71700	59750
Lower Quartile	0	0	0	0	0	36850	36850	36550	38400	42500	47600	51450	55050	57650	58000	62750	59000	57850	50000
Lower Decile	0	0	0	0	0	36150	36000	34600	31500	39200	44350	45950	48800	47900	52100	55700	51800	43600	38050
Mean	0	0	0	0	0	43700	46600	41900	43650	51100	54650	59700	65400	70150	68950	73550	73400	72950	62050
---------- Supporting Data ----------																			
Total Number	0	0	0	3	9	16	20	23	25	84	60	63	58	53	64	59	52	95	684
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

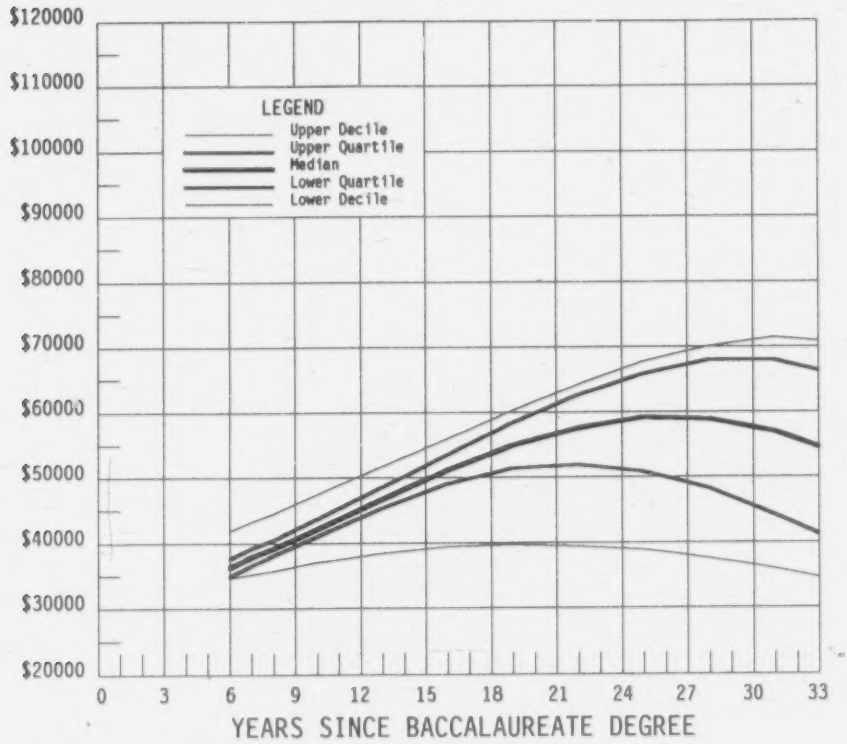
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS, 12 MONTH PROFESSORS AND INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, 12 MONTH, PROFESSORS AND INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	59300	61000	62800	66500	72250	78200	84150	89900	95200	99650	102950	104550	90950
Upper Quartile	0	0	0	0	0	0	54800	56250	57750	60800	65500	70200	74800	79100	82900	85950	88000	88050	77500
Median	0	0	0	0	0	0	52800	53800	54750	56750	59700	62600	65350	67900	70150	72050	73500	74850	64450
Lower Quartile	0	0	0	0	0	0	48650	49700	50500	52050	54350	56450	58400	60050	61350	62300	62800	62100	55950
Lower Decile	0	0	0	0	0	0	40100	40900	41700	43300	45650	47850	49850	51600	53000	54000	54550	53550	47800
Mean	0	0	0	0	0	0	50600	51800	53050	55550	59350	63100	66750	70100	73050	75400	77000	77250	67400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	62650	0	58550	65850	70250	81500	88200	93200	92350	94500	102500	105950	90950
Upper Quartile	0	0	0	0	0	0	60650	0	56350	59700	63650	70650	77350	84800	78000	84300	90750	87950	77500
Median	0	0	0	0	0	0	56000	0	52250	56550	58750	63550	65350	71000	67600	72000	74000	74900	64450
Lower Quartile	0	0	0	0	0	0	53500	0	46250	52100	53400	57600	57000	64150	59200	63000	62250	62150	55950
Lower Decile	0	0	0	0	0	0	50000	0	36200	42700	44900	50400	47800	51500	52400	56800	54500	53100	47800
Mean	0	0	0	0	0	0	55000	0	49650	55300	57850	64400	67400	73150	70600	75300	76800	77400	67400
Supporting Data																			
Total Number	0	0	0	3	5	8	10	8	11	57	43	44	48	45	56	52	45	81	516
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

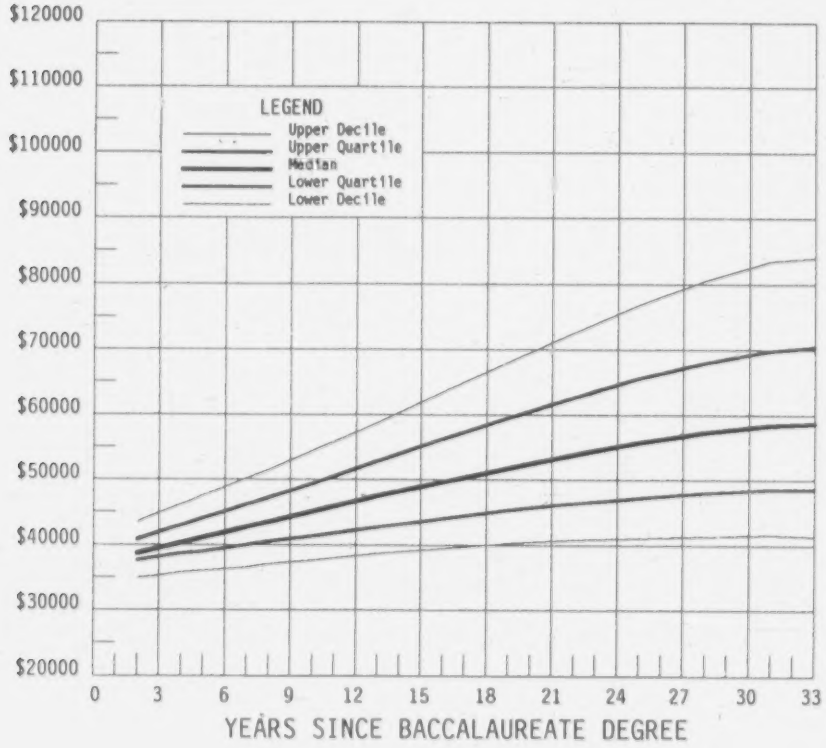
SALARY CURVES FOR ENGINEERS IN NON PHD-GRANTING SCHOOLS, 12 MONTH PROFESSORS AND INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: NON PHD-GRANTING SCHOOLS, 12 MONTH, PROFESSORS AND INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	41950	43250	44600	47350	51650	56050	60300	64250	67650	70150	71550	69350	60100
Upper Quartile	0	0	0	0	0	0	37650	39100	40600	43700	48550	53600	58400	62700	66000	67900	68100	60900	52350
Median	0	0	0	0	0	0	36350	37750	39200	42200	46700	51100	54900	57700	59100	58900	57100	47050	43350
Lower Quartile	0	0	0	0	0	0	35050	36550	38050	41050	45350	49000	51350	52050	50950	48200	44350	32600	37800
Lower Decile	0	0	0	0	0	0	34550	35200	35850	37000	38400	39350	39750	39600	38850	37600	36000	30500	35800
Mean	0	0	0	0	0	0	36850	38150	39500	42150	46150	50000	53250	55700	57000	56950	55600	47300	45650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	44000	42500	44900	46150	51700	57450	60000	0	0	0	0	69200	60100
Upper Quartile	0	0	0	0	0	0	37850	38400	40500	44100	49800	52500	58000	0	0	0	0	61000	52350
Median	0	0	0	0	0	0	37150	37300	39350	41850	46800	51250	55250	0	0	0	0	47000	43350
Lower Quartile	0	0	0	0	0	0	36450	36550	38150	39850	45200	49250	53400	0	0	0	0	32500	37800
Lower Decile	0	0	0	0	0	0	36000	36100	31400	38750	44250	31800	51500	0	0	0	0	30400	35800
Mean	0	0	0	0	0	0	38200	37600	38950	42150	46550	48750	55700	0	0	0	0	47200	45650
Supporting Data																			
Total Number	0	0	0	0	4	8	10	15	14	27	17	19	10	8	8	7	7	14	168
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

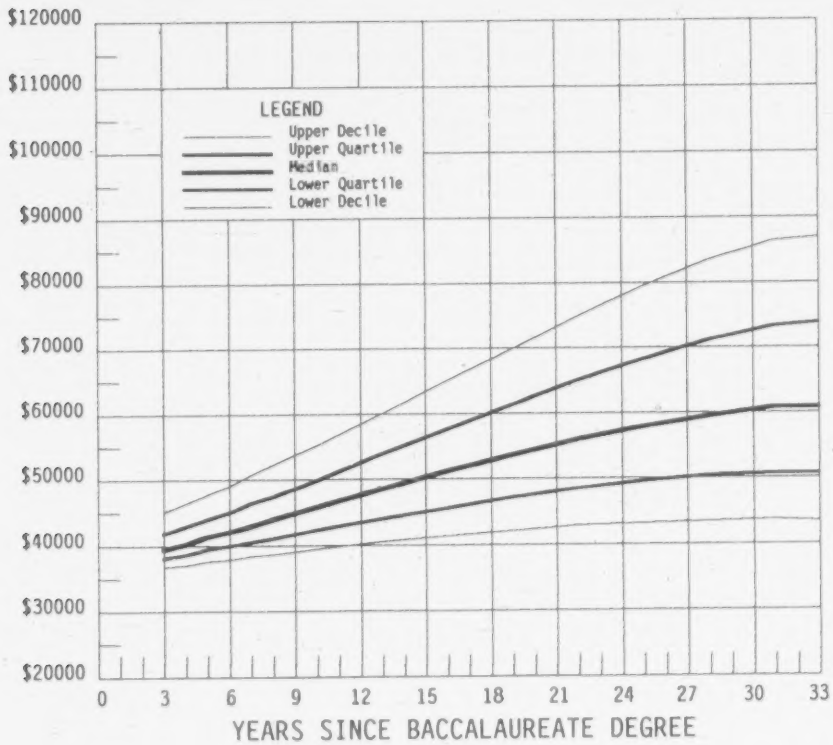
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS
ALL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, ALL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	43600	44850	46100	47400	48750	50100	51500	54350	58800	63450	68100	72600	76800	80450	83350	85800	75300
Upper Quartile	0	0	40850	41850	42850	43900	44950	46050	47150	49350	52800	56200	59550	62750	65600	68050	69950	71500	62400
Median	0	0	38800	39550	40300	41100	41850	42650	43450	45000	47350	49650	51850	53900	55700	57250	58450	59600	51450
Lower Quartile	0	0	37550	38050	38550	39050	39500	40000	40500	41400	42800	44050	45250	46300	47200	47900	48450	48850	44100
Lower Decile	0	0	34850	35200	35600	35950	36300	36650	37000	37700	38600	39450	40150	40750	41150	41450	41550	41100	39500
Mean	0	0	38800	39650	40450	41300	42150	43000	43850	45600	48200	50750	53200	55500	57550	59200	60500	61600	54800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	46800	49550	49350	49300	50250	49400	49900	54300	57750	63550	67600	74900	77500	81250	81600	85800	75300
Upper Quartile	0	0	45000	48300	46000	46300	46500	46250	46650	48800	51850	55300	59500	63750	66300	69900	69600	71100	62400
Median	0	0	42000	46150	43150	43750	43600	43200	43650	44550	46250	48600	51450	53900	56750	59150	59300	59050	51450
Lower Quartile	0	0	34000	43250	41100	40500	40950	40600	41150	41100	42150	43150	44900	46100	47650	48900	49600	48450	44100
Lower Decile	0	0	30200	34400	36200	34400	38050	36600	37850	37800	38700	38750	39800	40500	41150	41650	42550	40900	39500
Mean	0	0	39650	44250	43300	43250	43850	43000	43800	45200	47350	50000	53050	56050	58150	60400	60800	61250	54800
Supporting Data																			
Total Number	4	5	12	22	51	94	155	221	291	953	1014	926	936	875	962	1006	975	2545	11047
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	0	5	11
Less Than $22000	0	0	0	0	0	1	0	2	1	4	1	0	0	0	0	0	0	2	11

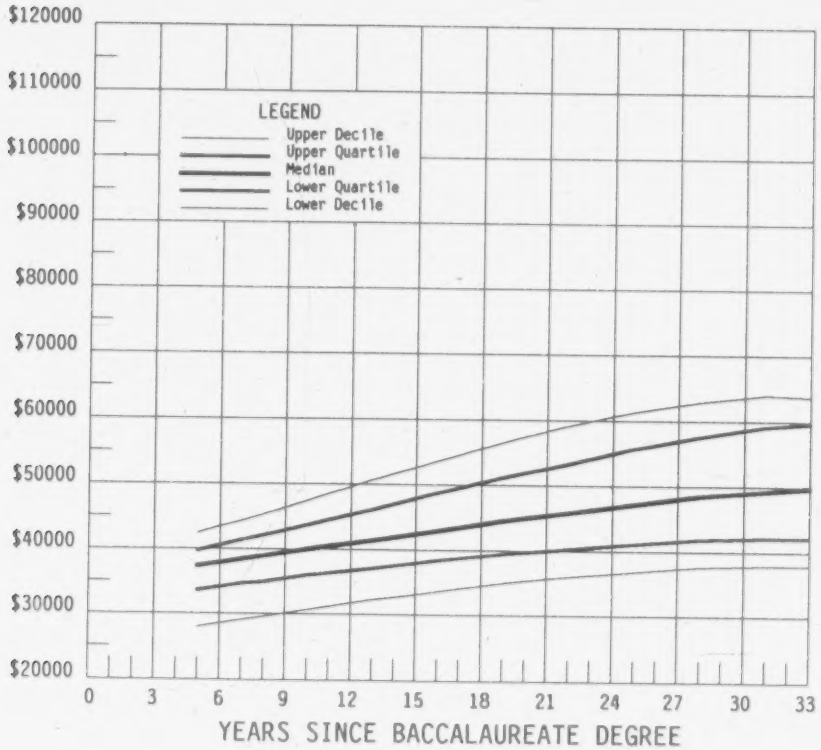
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS
ALL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, ALL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	45100	46450	47800	49200	50650	52150	55200	60000	65000	70000	74900	79450	83400	86400	88550	77950
Upper Quartile	0	0	0	41800	42900	44000	45150	46350	47550	49950	53750	57600	61400	65000	68350	71150	73350	75050	64450
Median	0	0	0	39550	40400	41250	42150	43050	43950	45750	48450	51100	53600	55900	57900	59550	60700	61100	53000
Lower Quartile	0	0	0	38100	38750	39350	39950	40550	41150	42350	44100	45700	47200	48450	49500	50300	50800	50650	45350
Lower Decile	0	0	0	36700	37100	37550	37950	38350	38700	39450	40500	41450	42250	42850	43300	43600	43700	43000	41150
Mean	0	0	0	40150	41050	41950	42900	43800	44750	46650	49550	52400	55100	57650	59850	61700	63100	63900	56600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	49700	49800	49750	51400	49700	50600	55200	58650	65300	69850	77500	80250	83650	84550	88600	77950
Upper Quartile	0	0	0	48700	46250	46700	46900	46600	47150	49500	52400	56900	61350	66050	68900	73700	72900	74600	64450
Median	0	0	0	47000	43550	44600	44250	43750	44300	45250	47000	49800	53150	56200	59600	61650	61350	60500	53000
Lower Quartile	0	0	0	45050	41650	41950	41700	41550	41750	41950	42900	44500	46950	48400	50250	52050	52050	50100	45350
Lower Decile	0	0	0	43700	39400	39300	39100	38950	39150	39000	39900	40600	42150	42750	44050	44150	44600	42700	41150
Mean	0	0	0	46850	44250	44600	44850	44000	44700	46250	48250	51500	55050	58350	60850	63300	63250	63500	56600
Supporting Data																			
Total Number	4	3	9	18	43	79	132	185	249	816	874	746	757	706	761	789	781	2087	9039
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	0	5	11
Less Than $22000	0	0	0	0	0	1	0	1	0	2	1	0	0	0	0	0	0	2	7

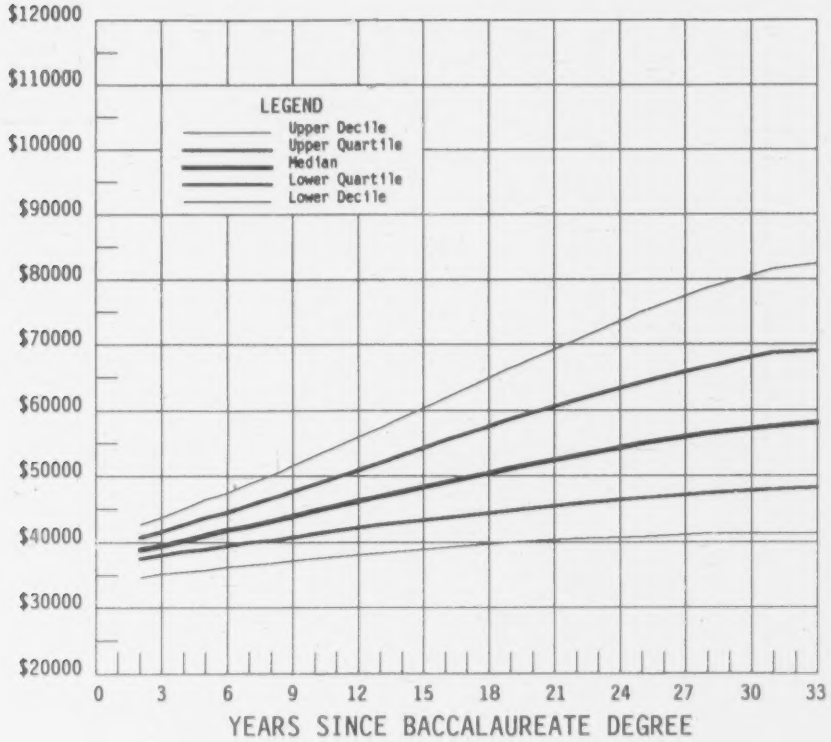
SALARY CURVES FOR ENGINEERS IN NON PHD-GRANTING SCHOOLS
ALL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: NON PHD-GRANTING SCHOOLS, ALL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	42300	43350	44350	45400	47500	50600	53650	56550	59150	61350	62950	63950	63150	61700
Upper Quartile	0	0	0	0	0	39750	40550	41350	42150	43800	46250	48700	51150	53450	55600	57550	59150	61550	53750
Median	0	0	0	0	0	37300	37800	38350	38850	39900	41450	43000	44500	45900	47200	48400	49450	51400	44950
Lower Quartile	0	0	0	0	0	33700	34150	34600	35050	35900	37150	38350	39400	40350	41150	41750	42150	42300	39400
Lower Decile	0	0	0	0	0	28100	28600	29150	29650	30650	32150	33550	34850	35950	36850	37500	37850	37400	34700
Mean	0	0	0	0	0	36350	37000	37650	38300	39600	41500	43400	45150	46800	48250	49450	50350	51200	46650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	41750	44700	45200	44500	46850	51650	52900	56600	59600	62050	62850	63000	63250	61700
Upper Quartile	0	0	0	0	0	40100	42350	42100	42500	43300	45800	49500	50050	52050	56350	58800	59700	61200	53750
Median	0	0	0	0	0	38250	39500	38000	39500	39550	41400	43500	43550	44850	46950	49750	50550	51050	44950
Lower Quartile	0	0	0	0	0	31750	34750	35000	35650	35850	37100	38800	39300	39600	40300	42150	43400	42100	39400
Lower Decile	0	0	0	0	0	29500	29300	28400	30200	29400	33000	34650	34800	35750	35100	37900	38900	37300	34700
Mean	0	0	0	0	0	36200	38250	37900	38450	39000	41800	43850	44600	46350	48000	50000	50800	51050	46650
Supporting Data																			
Total Number	0	2	3	4	8	15	23	36	42	137	140	180	179	169	201	217	194	458	2008
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	4

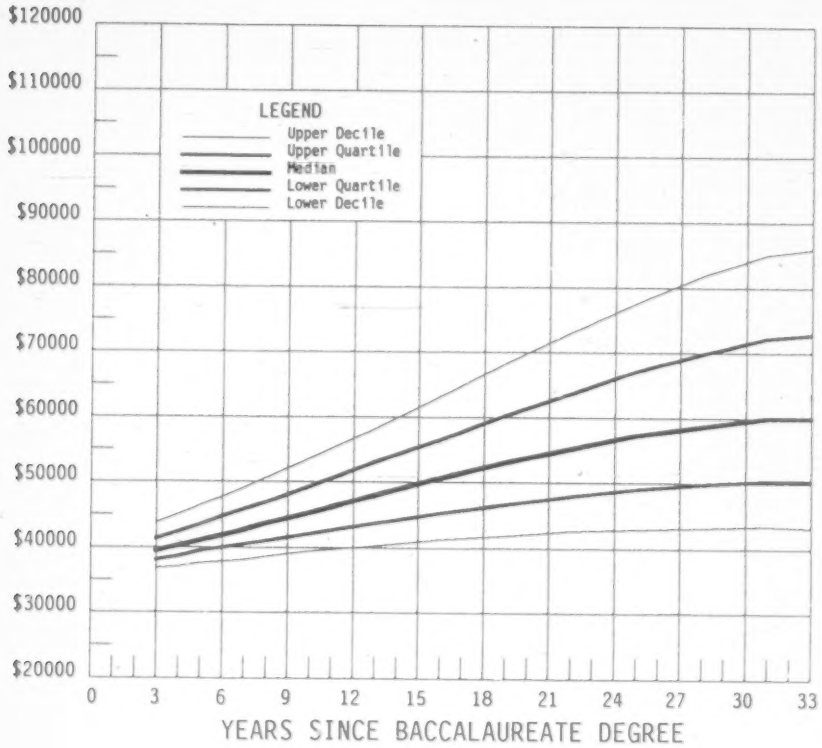
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS, 9 MONTH CONTRACTS ALL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, 9 MONTH CONTRACTS, ALL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	42650	43850	45050	46300	47600	48900	50250	53000	57350	61850	66350	70800	75000	78700	81700	84950	74250
Upper Quartile	0	0	40700	41700	42650	43650	44650	45700	46750	48850	52100	55350	58550	61600	64350	66750	68700	70650	61750
Median	0	0	38850	39550	40300	41000	41750	42500	43250	44700	46950	49100	51200	53150	54950	56450	57700	59250	50850
Lower Quartile	0	0	37650	38100	38600	39050	39500	39950	40400	41300	42550	43750	44900	45900	46750	47450	48000	48550	43850
Lower Decile	0	0	34800	35150	35500	35850	36200	36550	36900	37500	38400	39200	39900	40450	40900	41200	41350	41000	39350
Mean	0	0	38550	39300	40100	40950	41750	42550	43400	45050	47600	50050	52450	54650	56700	58400	59750	61150	54150
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	46800	49550	48800	48000	48650	49150	49450	52400	56000	62050	66200	73050	75900	79700	79750	84900	74250
Upper Quartile	0	0	45000	48300	45750	45950	46000	46150	46450	48100	51250	54350	58600	62600	65400	68000	68500	70300	61750
Median	0	0	42000	46150	43050	43500	43350	43150	43550	44250	45950	47950	50750	53200	55800	58300	58800	58650	50850
Lower Quartile	0	0	34000	43250	41100	40300	40700	40700	41150	40950	41950	42900	44550	45750	47150	48350	49150	48200	43850
Lower Decile	0	0	30200	34400	36000	33850	38050	36800	37950	37500	38550	[illegible]150	39550	40200	40850	41400	42400	40800	39350
Mean	0	0	39650	44250	43000	42450	43050	42900	43600	44550	46850	49250	52200	55150	57350	59600	60050	60800	54150
---------- Supporting Data ----------																			
Total Number	4	5	12	22	50	87	143	212	277	889	961	866	883	826	902	952	924	2460	10475
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	3	7
Less Than $22000	0	0	0	0	0	1	0	2	1	4	1	0	0	0	0	0	0	2	11

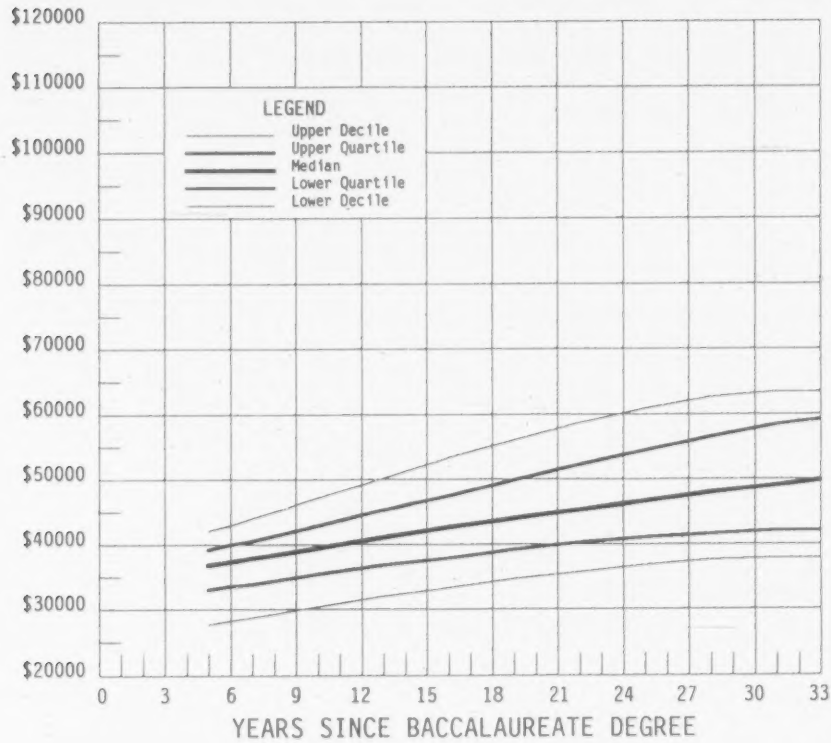
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS, 9 MONTH CONTRACTS ALL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, 9 MONTH CONTRACTS, ALL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	43700	45000	46350	47700	49100	50550	53550	58250	63150	68150	73050	77700	81750	85000	87950	76650
Upper Quartile	0	0	0	41400	42500	43550	44700	45800	46950	49300	52950	56650	60300	63850	67100	69950	72200	74400	63500
Median	0	0	0	39400	40250	41100	41950	42800	43650	45400	48000	50550	53000	55250	57200	58800	59950	60650	52250
Lower Quartile	0	0	0	38150	38750	39350	39900	40500	41100	42200	43850	45400	46800	48000	49050	49800	50300	50250	45050
Lower Decile	0	0	0	36700	37100	37500	37850	38250	38600	39350	40350	41200	41950	42550	43000	43300	43350	42750	41050
Mean	0	0	0	39700	40600	41500	42400	43300	44200	46050	48850	51600	54250	56750	58950	60800	62250	63400	55850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	49700	49100	48400	49000	49350	49750	52950	56800	63550	67800	75200	79450	82400	82950	87900	76650
Upper Quartile	0	0	0	48700	46050	46350	46350	46450	46800	48650	51750	55600	60200	64700	67800	72900	72000	73850	63500
Median	0	0	0	47000	43450	44400	43900	43650	44100	44850	46650	49250	52500	55450	58700	61050	60850	60000	52250
Lower Quartile	0	0	0	45050	41600	41800	41500	41500	41700	41750	42750	44200	46600	48050	49700	51400	51550	49750	45050
Lower Decile	0	0	0	43700	39300	39100	38950	38900	39050	38850	39750	40300	41900	42550	43750	43750	44250	42450	41050
Mean	0	0	0	46850	43900	43700	43900	43750	44400	45500	47700	50650	54200	57400	59950	62450	62450	62950	55850
Supporting Data																			
Total Number	4	3	9	18	42	73	123	181	241	768	836	704	714	665	709	741	736	2014	8581
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	3	7
Less Than $22000	0	0	0	0	0	1	0	1	0	2	1	0	0	0	0	0	0	2	7

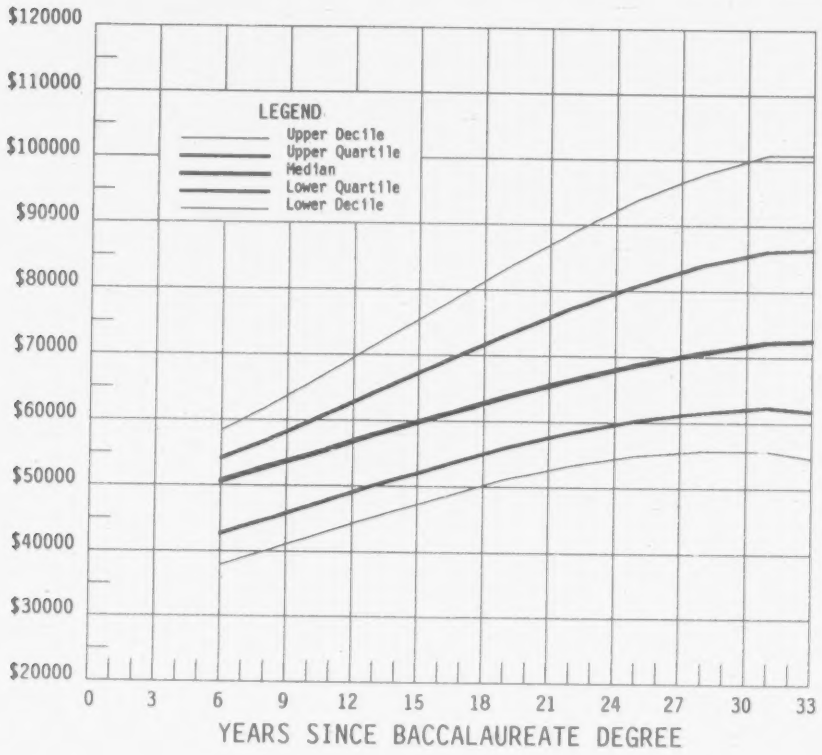
SALARY CURVES FOR ENGINEERS IN NON PHD-GRANTING SCHOOLS, 9 MONTH ALL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: NON PHD-GRANTING SCHOOLS, 9 MONTH, ALL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	42050	43050	44050	45050	47100	50200	53250	56100	58700	60900	62550	63600	63100	61650
Upper Quartile	0	0	0	0	0	39150	39900	40650	41400	42950	45250	47600	49950	52250	54450	56500	58350	61800	53550
Median	0	0	0	0	0	36900	37450	37950	38450	39500	41000	42550	44000	45450	46800	48050	49200	51450	44700
Lower Quartile	0	0	0	0	0	33000	33500	33950	34450	35350	36700	37950	39100	40150	41000	41700	42200	42400	39300
Lower Decile	0	0	0	0	0	27800	28300	28850	29350	30400	31900	33350	34700	35850	36800	37500	37900	37550	34700
Mean	0	0	0	0	0	36000	36600	37250	37900	39150	41050	42900	44650	46300	47800	49050	50050	51250	46450
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	41900	44000	43950	43850	46950	51500	52550	55650	58950	61850	62350	62850	63200	61650
Upper Quartile	0	0	0	0	0	40100	41750	41950	42350	42850	44900	46950	48200	51550	55600	58150	59550	61150	53550
Median	0	0	0	0	0	38000	39300	38250	39500	39000	40600	42950	43100	44550	46500	49400	50400	51050	44700
Lower Quartile	0	0	0	0	0	31500	34000	34900	35350	34950	36600	38500	39050	39400	40200	42100	43500	42200	39300
Lower Decile	0	0	0	0	0	29400	29000	28750	29750	29000	32500	34700	34600	35600	35050	38000	39050	37450	34700
Mean	0	0	0	0	0	35950	37700	37900	38250	38550	41250	43300	43900	46000	47600	49550	50750	51050	46450
---------- Supporting Data ----------																			
Total Number	0	2	3	4	8	14	20	31	36	121	125	162	169	161	193	211	188	446	1894
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	4

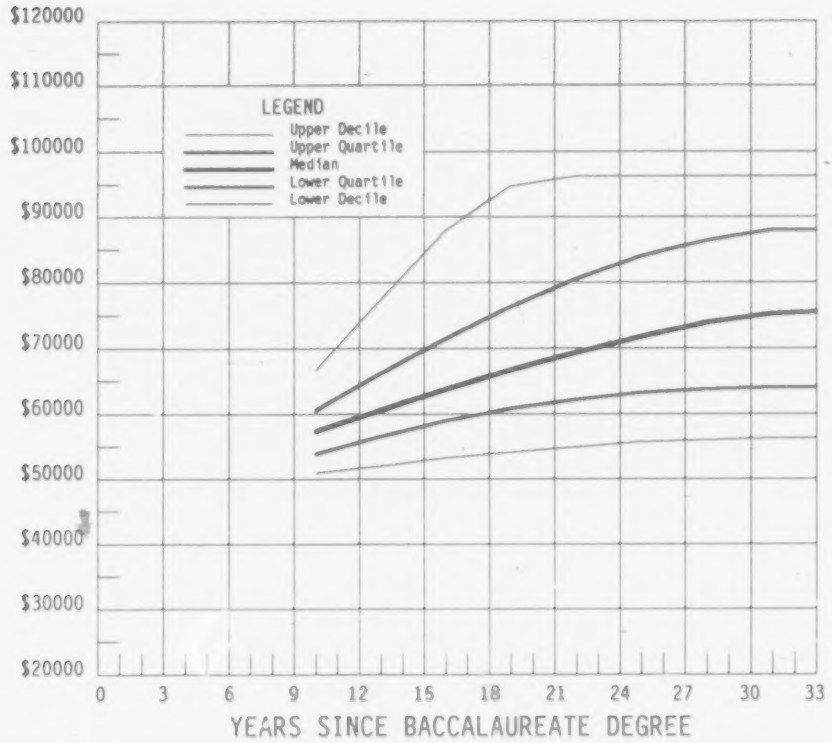
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS, 12 MONTH CONTRACTS ALL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, 12 MONTH CONTRACTS, ALL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	58300	60050	61850	65550	71350	77300	83200	88850	93900	98000	100850	100700	89350
Upper Quartile	0	0	0	0	0	0	54050	55450	56850	59750	64250	68700	73100	77250	80900	83900	86100	86850	75500
Median	0	0	0	0	0	0	50700	51700	52700	54750	57800	60850	63700	66400	68800	70750	72300	73550	62900
Lower Quartile	0	0	0	0	0	0	42800	43850	44850	46950	50100	53100	55900	58350	60350	61700	62350	60550	54500
Lower Decile	0	0	0	0	0	0	37900	38950	40000	42150	45350	48350	51100	53300	54900	55650	55600	51400	46200
Mean	0	0	0	0	0	0	48900	50100	51400	53900	57800	61650	65400	68800	71750	74050	75550	75200	66000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	62400	0	58150	65300	68950	78650	87700	92200	91650	94000	99750	101800	89350
Upper Quartile	0	0	0	0	0	0	60000	0	55250	59300	62550	67000	75750	83100	77500	84050	86250	86700	75500
Median	0	0	0	0	0	0	55000	0	50000	55400	56250	60000	63750	69000	67200	73350	71500	73250	62900
Lower Quartile	0	0	0	0	0	0	50000	0	40250	46400	50450	51950	56700	60250	59500	64350	59750	60700	54500
Lower Decile	0	0	0	0	0	0	41600	0	36800	41200	45450	50000	53150	51350	54500	57100	53100	51900	46200
Mean	0	0	0	0	0	0	53500	0	48050	54100	56600	60750	67250	70900	70600	75000	74100	75300	66000
Supporting Data																			
Total Number	0	0	0	0	1	7	12	9	14	64	53	60	53	49	60	54	51	85	572
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

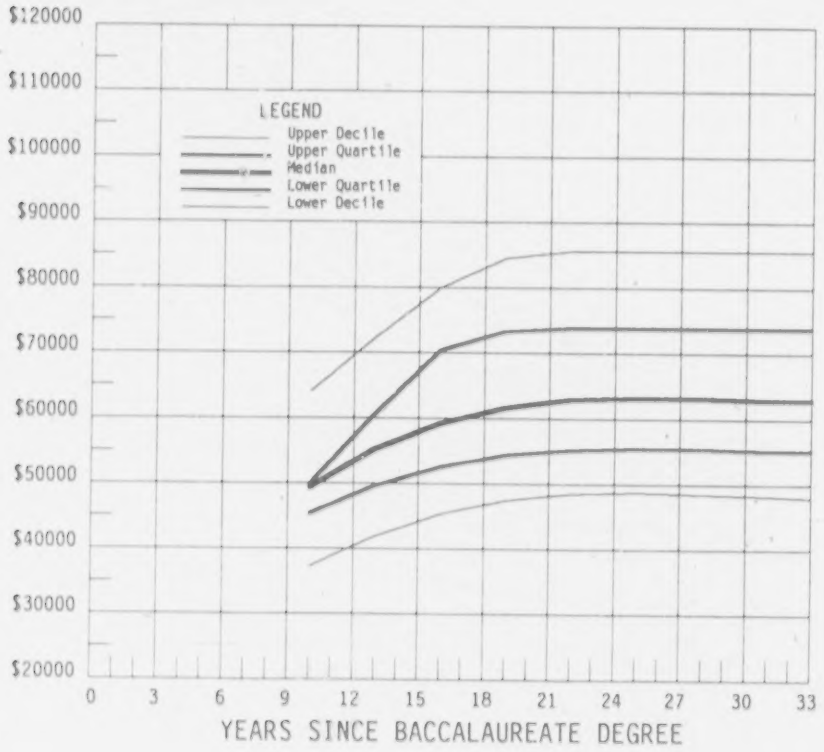
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS, 12 MONTH ALL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, 12 MONTH, ALL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	66600	77350	88100	94800	96150	96350	96400	96400	96400	91800
Upper Quartile	0	0	0	0	0	0	0	0	0	60550	66050	71400	76250	80500	83900	86350	87900	88500	79050
Median	0	0	0	0	0	0	0	0	0	57400	60600	63700	66650	69400	71800	73750	75150	76000	66200
Lower Quartile	0	0	0	0	0	0	0	0	0	53750	56500	58850	60700	62100	63100	63700	64050	64300	58150
Lower Decile	0	0	0	0	0	0	0	0	0	50900	52100	53200	54150	54950	55600	56050	56300	56050	53150
Mean	0	0	0	0	0	0	0	0	0	57950	59450	70350	73900	74650	74750	74750	74750	74750	70200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	66550	70950	82000	88700	92800	93000	95350	102500	106050	91800
Upper Quartile	0	0	0	0	0	0	0	0	0	60800	64500	71350	79000	84800	78500	85000	90750	88600	79050
Median	0	0	0	0	0	0	0	0	0	57400	60000	64000	67000	71650	68800	76000	74000	76200	66200
Lower Quartile	0	0	0	0	0	0	0	0	0	54200	55250	58800	60450	65300	62000	64000	62250	64850	58150
Lower Decile	0	0	0	0	0	0	0	0	0	51100	52100	52200	54300	56200	55200	57450	54500	56250	53150
Mean	0	0	0	0	0	0	0	0	0	57900	60650	65650	69950	74350	72700	76150	76800	79400	70200
Supporting Data																			
Total Number	0	0	0	0	1	6	9	4	8	48	38	42	43	41	52	48	45	73	458
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

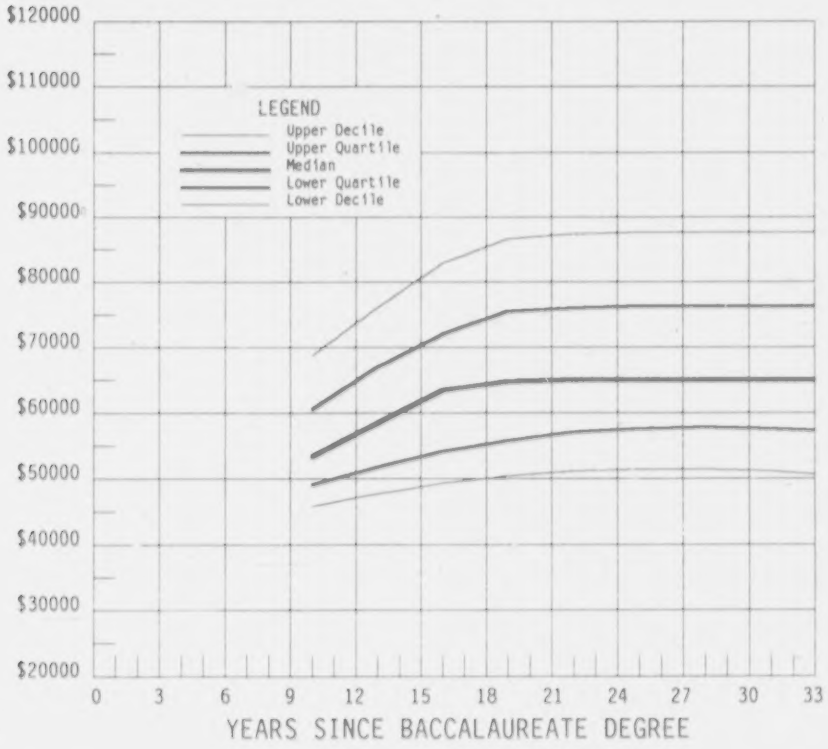
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS
FULL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, FULL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	0	0	0	0	64000	72050	80100	84600	85500	85600	85650	85650	85650	85000
Upper Quartile	0	0	0	0	0	0	0	0	0	49750	60600	70350	73250	73800	73850	73900	73900	73900	73450
Median	0	0	0	0	0	0	0	0	0	49300	55100	59200	61650	62850	63250	63250	63050	62750	62650
Lower Quartile	0	0	0	0	0	0	0	0	0	45400	49650	52600	54400	55250	55550	55500	55300	54950	54850
Lower Decile	0	0	0	0	0	0	0	0	0	37250	41800	45250	47400	48500	48800	48650	48300	47600	47800
Mean	0	0	0	0	0	0	0	0	0	48500	54750	62550	64850	65300	65400	65400	65400	65400	65050
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	0	0	0	0	63750	68800	77050	79350	82250	82250	84100	85000	89500	85000
Upper Quartile	0	0	0	0	0	0	0	0	0	49600	62450	67950	68950	71700	71950	74400	73300	75850	73450
Median	0	0	0	0	0	0	0	0	0	46000	55600	62150	61350	62800	62950	62800	62450	63100	62650
Lower Quartile	0	0	0	0	0	0	0	0	0	42900	48900	56050	53800	55300	55350	55150	55000	55200	54850
Lower Decile	0	0	0	0	0	0	0	0	0	39800	35600	49550	48350	49000	48200	47850	47900	47950	47800
Mean	0	0	0	0	0	0	0	0	0	48450	55150	62500	62700	64350	64350	65100	65000	66550	65050
---------- Supporting Data ----------																			
Total Number	0	0	0	0	0	4	0	4	5	22	58	129	281	423	579	742	749	1887	4883
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	0	5	11
Less Than $22000	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	4

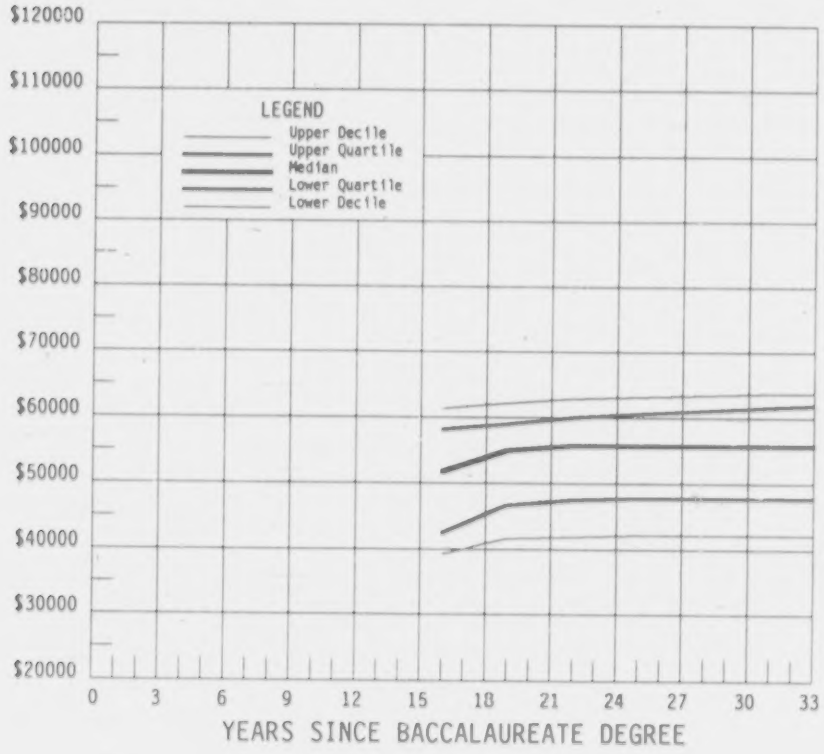
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS
FULL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, FULL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	68800	75850	82900	86800	87550	87700	87700	87700	87700	87400
Upper Quartile	0	0	0	0	0	0	0	0	0	60600	66250	71900	75400	76100	76200	76200	76200	76200	75700
Median	0	0	0	0	0	0	0	0	0	53450	58500	63550	64750	65000	65050	65050	65050	65050	64650
Lower Quartile	0	0	0	0	0	0	0	0	0	49100	51750	54000	55750	56950	57600	57850	57650	56050	56550
Lower Decile	0	0	0	0	0	0	0	0	0	45850	47750	49300	50450	51250	51600	51550	51150	48900	49950
Mean	0	0	0	0	0	0	0	0	0	49200	57450	64900	67050	67450	67500	67500	67500	67500	67150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	68400	74800	77900	81650	83300	83500	86150	87750	91900	87400
Upper Quartile	0	0	0	0	0	0	0	0	0	60350	63400	69600	70650	73450	74050	76750	75550	78500	75700
Median	0	0	0	0	0	0	0	0	0	46100	59000	63350	63000	64400	64700	65400	64950	65450	64650
Lower Quartile	0	0	0	0	0	0	0	0	0	43050	50900	57850	55400	57250	57450	57650	57150	56200	56550
Lower Decile	0	0	0	0	0	0	0	0	0	40700	45950	51900	50450	52400	51000	51100	51000	49000	49950
Mean	0	0	0	0	0	0	0	0	0	49100	58400	64200	64500	66400	66500	67800	67550	68400	67150
Supporting Data																			
Total Number	0	0	0	0	0	4	0	4	4	19	43	112	240	363	485	599	612	1601	4086
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	0	5	11
Less Than $22000	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	4

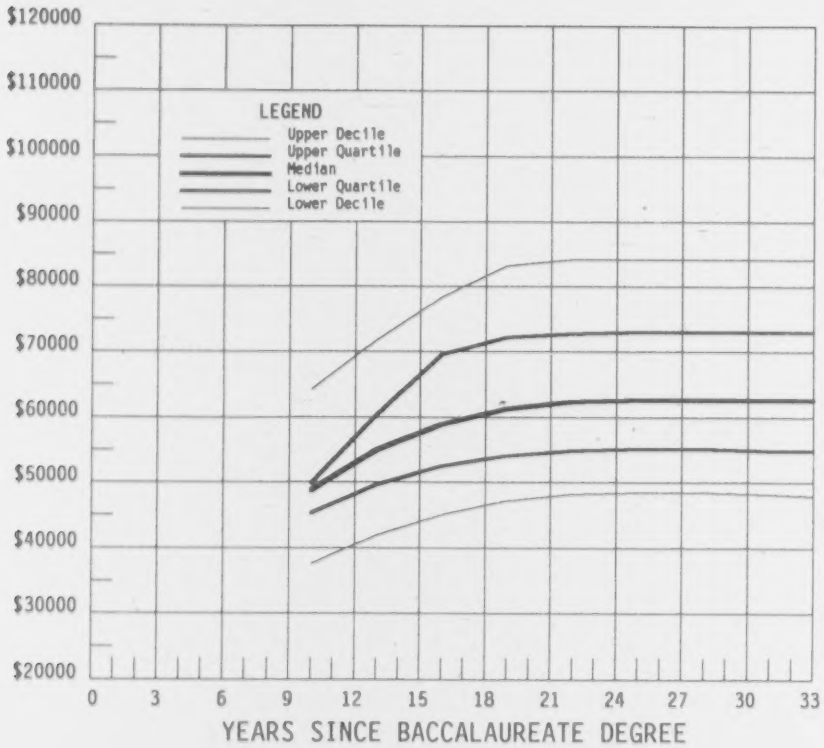
SALARY CURVES FOR ENGINEERS IN NON PHD-GRANTING SCHOOLS
FULL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: NON PHD-GRANTING SCHOOLS, FULL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	61450	62250	62850	63300	63600	63750	63600	63500
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	58050	59050	59900	60600	61150	61600	62300	61600
Median	0	0	0	0	0	0	0	0	0	0	0	51750	54950	55750	55850	55850	55850	55850	55350
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	42450	46700	47550	47700	47700	47700	47700	47450
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	39300	41600	42000	42050	42050	42050	42050	41400
Mean	0	0	0	0	0	0	0	0	0	0	0	50400	53600	54250	54350	54400	54400	54400	54050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	61750	60700	63600	63750	63650	63400	63650	63500
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	58350	57650	60000	61400	61250	61150	62350	61600
Median	0	0	0	0	0	0	0	0	0	0	0	53500	52250	51300	54500	52950	54400	60200	55350
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	42900	46250	44500	45750	47600	47050	49500	47450
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	39050	42650	40250	39200	41650	42400	43400	41400
Mean	0	0	0	0	0	0	0	0	0	0	0	51400	51950	52050	53200	53850	53700	56100	54050
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	1	3	15	17	41	60	94	143	137	286	797
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

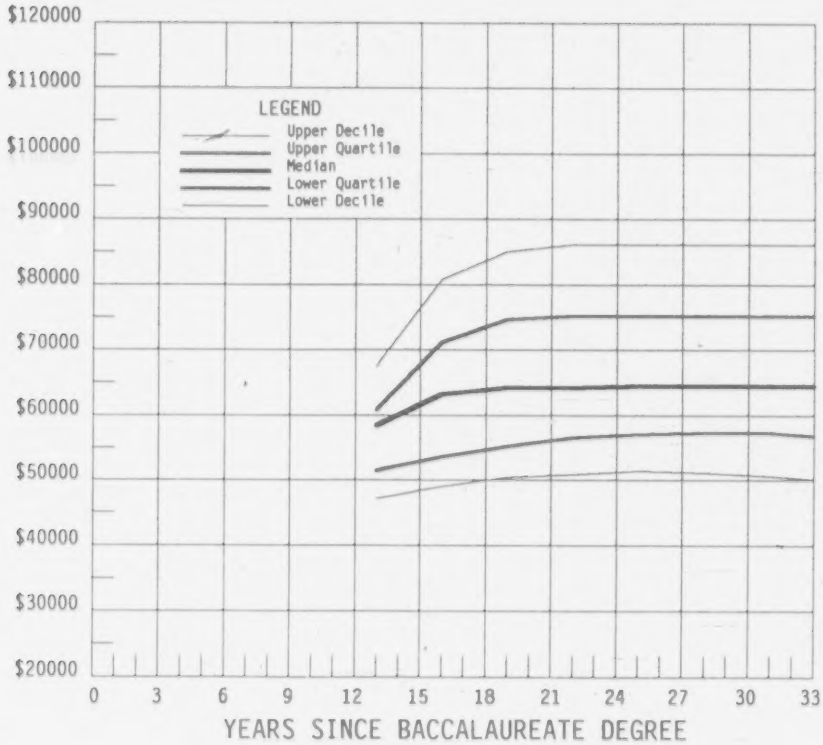
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS, 9 MONTH CONTRACTS FULL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, 9 MONTH CONTRACTS, FULL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	64200	71350	78500	83250	84200	84350	84350	84350	84350	83850
Upper Quartile	0	0	0	0	0	0	0	0	0	50000	60350	69600	72350	72850	72950	72950	72950	72950	72450
Median	0	0	0	0	0	0	0	0	0	48750	54950	59050	61350	62400	62700	62700	62600	62450	62250
Lower Quartile	0	0	0	0	0	0	0	0	0	45250	49550	52450	54100	54900	55150	55100	54950	54700	54550
Lower Decile	0	0	0	0	0	0	0	0	0	37550	41850	45100	47150	48200	48500	48400	48150	47500	47650
Mean	0	0	0	0	0	0	0	0	0	48950	54150	61850	64150	64600	64650	64650	64650	64650	64350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	63850	67200	75750	74950	80400	81450	82900	83300	88800	83850
Upper Quartile	0	0	0	0	0	0	0	0	0	49800	62300	67350	67450	70550	70850	73350	72350	75150	72450
Median	0	0	0	0	0	0	0	0	0	46250	55550	61800	60600	62300	62500	62300	62200	62800	62250
Lower Quartile	0	0	0	0	0	0	0	0	0	43450	48500	55750	53350	55050	55000	54600	54700	54950	54550
Lower Decile	0	0	0	0	0	0	0	0	0	41100	35200	49300	48000	48950	48000	47500	47700	47850	47650
Mean	0	0	0	0	0	0	0	0	0	48900	54650	61800	61400	63600	63550	64250	64250	66000	64350
Supporting Data																			
Total Number	0	0	0	0	0	4	0	4	4	21	56	124	262	401	552	705	715	1824	4672
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	3	7
Less Than $22000	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	4

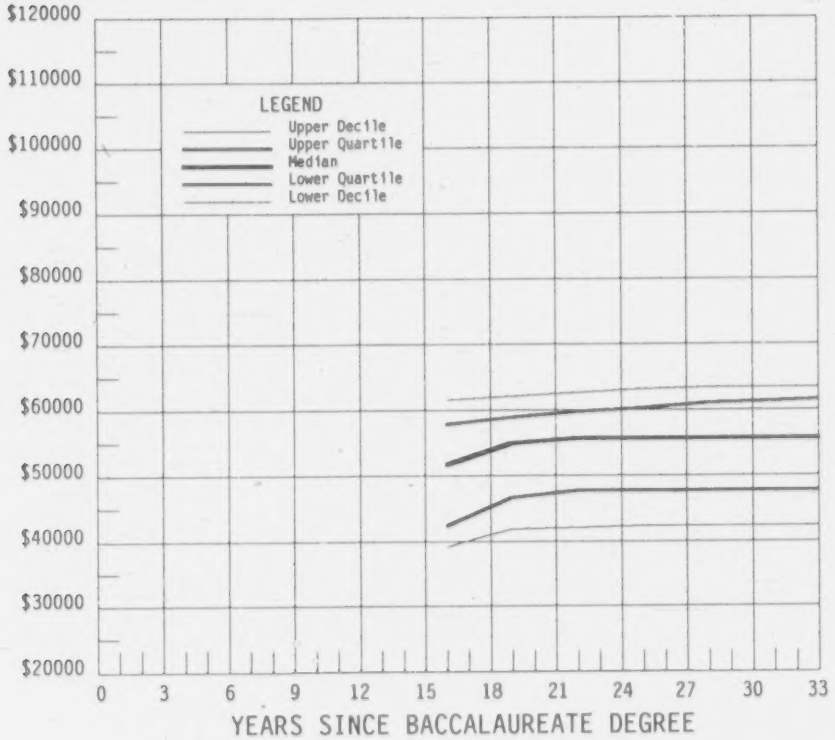
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS, 9 MONTH CONTRACTS FULL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, 9 MONTH CONTRACTS, FULL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	67550	80750	85200	86050	86200	86200	86200	86200	85800
Upper Quartile	0	0	0	0	0	0	0	0	0	0	60700	71100	74550	75200	75300	75300	75300	75300	74800
Median	0	0	0	0	0	0	0	0	0	0	58450	63100	64200	64400	64450	64450	64450	64450	64000
Lower Quartile	0	0	0	0	0	0	0	0	0	0	51400	53600	55300	56500	57150	57400	57250	55750	56150
Lower Decile	0	0	0	0	0	0	0	0	0	0	47200	49000	50300	51050	51350	51200	50750	48700	49650
Mean	0	0	0	0	0	0	0	0	0	0	56850	64150	66250	66650	66750	66750	66750	66750	66400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	71600	76650	75950	81450	82700	84750	85850	91050	85800
Upper Quartile	0	0	0	0	0	0	0	0	0	0	63250	68500	68950	72150	73100	75600	74750	77900	74800
Median	0	0	0	0	0	0	0	0	0	0	59000	62900	62200	63800	64150	64700	64200	64950	64000
Lower Quartile	0	0	0	0	0	0	0	0	0	0	50600	57550	54850	56800	57000	57200	56800	55900	56150
Lower Decile	0	0	0	0	0	0	0	0	0	0	45650	51600	50200	52100	50750	50750	50650	48800	49650
Mean	0	0	0	0	0	0	0	0	0	0	57900	63400	63150	65450	65600	66950	66700	67800	66400
Supporting Data																			
Total Number	0	0	0	0	0	4	0	4	4	19	41	107	222	344	461	567	579	1541	3893
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	3	7
Less Than $22000	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	4

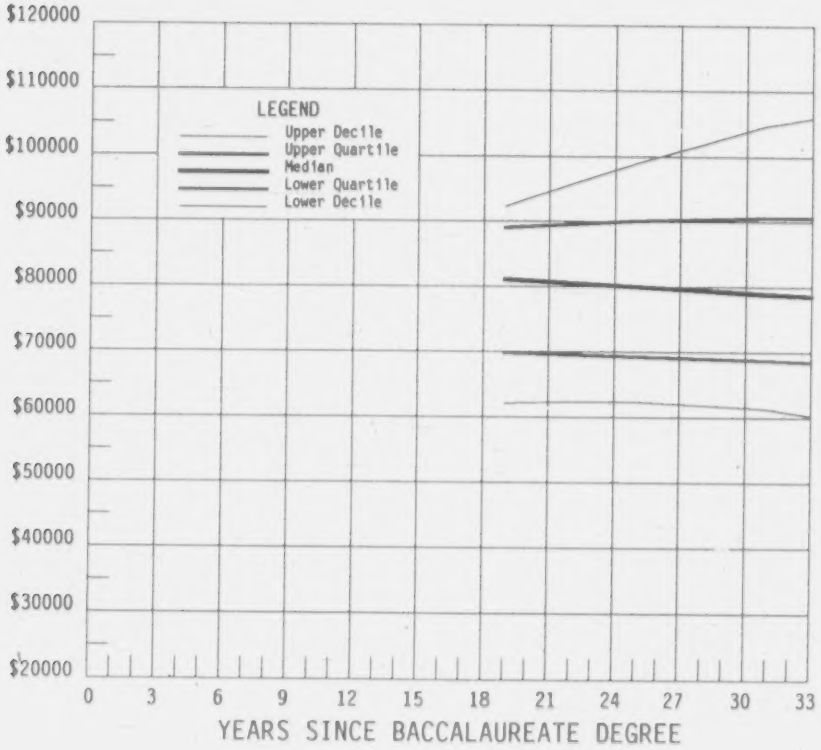
SALARY CURVES FOR ENGINEERS IN NON PHD-GRANTING SCHOOLS, 9 MONTH FULL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: NON PHD-GRANTING SCHOOLS, 9 MONTH, FULL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	61500	62250	62800	63150	63400	63550	63600	63450
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	58000	58900	59700	60400	60950	61450	62300	61550
Median	0	0	0	0	0	0	0	0	0	0	0	51700	54950	55750	55850	55850	55850	55850	55350
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	42400	46800	47700	47800	47850	47850	47850	47600
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	39150	41800	42250	42300	42350	42350	42350	41600
Mean	0	0	0	0	0	0	0	0	0	0	0	50400	53550	54250	54350	54350	54350	54350	54050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	61750	60800	63700	63650	63150	63400	63650	63450
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	58350	57500	59850	61250	60850	61200	62350	61550
Median	0	0	0	0	0	0	0	0	0	0	0	53500	52000	51500	54400	52650	54500	60250	55350
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	42900	46150	45100	45900	47300	47200	49750	47600
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	39050	42500	40700	39550	41550	42650	43800	41600
Mean	0	0	0	0	0	0	0	0	0	0	0	51400	51800	52250	53100	53150	53850	56250	54050
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	0	2	15	17	40	57	91	138	136	283	779
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

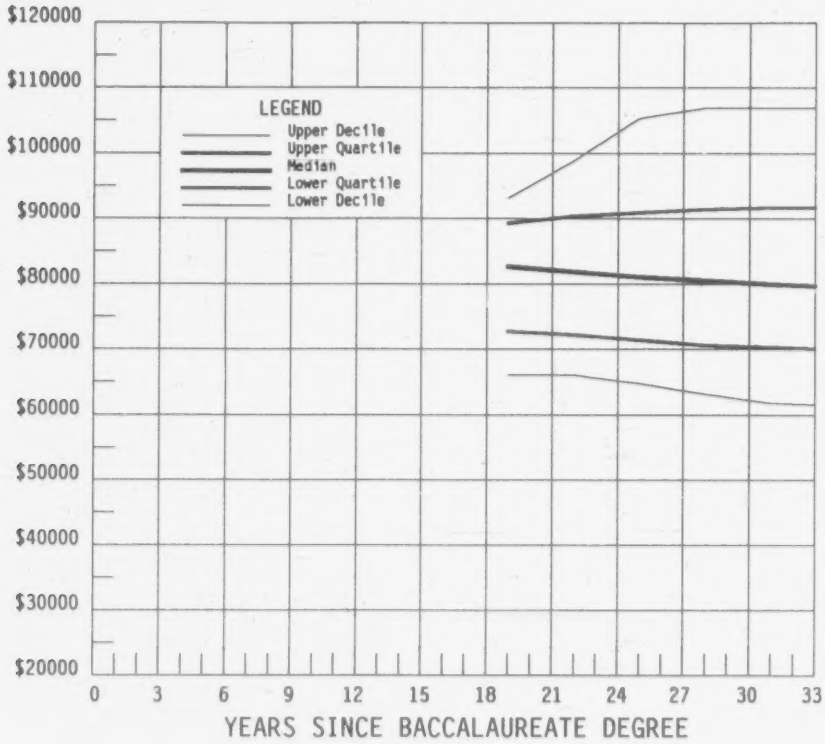
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS, 12 MONTH CONTRACTS FULL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, 12 MONTH CONTRACTS, FULL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	92400	95800	99050	102000	104700	109850	99950
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	89050	89650	90100	90400	90600	90550	90250
Median	0	0	0	0	0	0	0	0	0	0	0	0	81050	80500	79950	79500	79000	77900	78800
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	69800	69600	69350	69100	68800	67800	68600
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	62250	62500	62400	62000	61200	57750	60300
Mean	0	0	0	0	0	0	0	0	0	0	0	0	79450	80000	80450	80850	81150	81450	80250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	92750	94150	103750	97150	108000	109650	99950
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	88250	91800	90400	87200	93500	90400	90250
Median	0	0	0	0	0	0	0	0	0	0	0	0	81250	82500	76400	80300	80000	77750	78800
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	71000	68650	67650	70600	68650	67750	68600
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	63600	60400	62250	63400	60550	57750	60300
Mean	0	0	0	0	0	0	0	0	0	0	0	0	80300	78800	80200	81350	81150	81400	80250
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	1	1	2	5	19	22	27	37	34	63	211
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

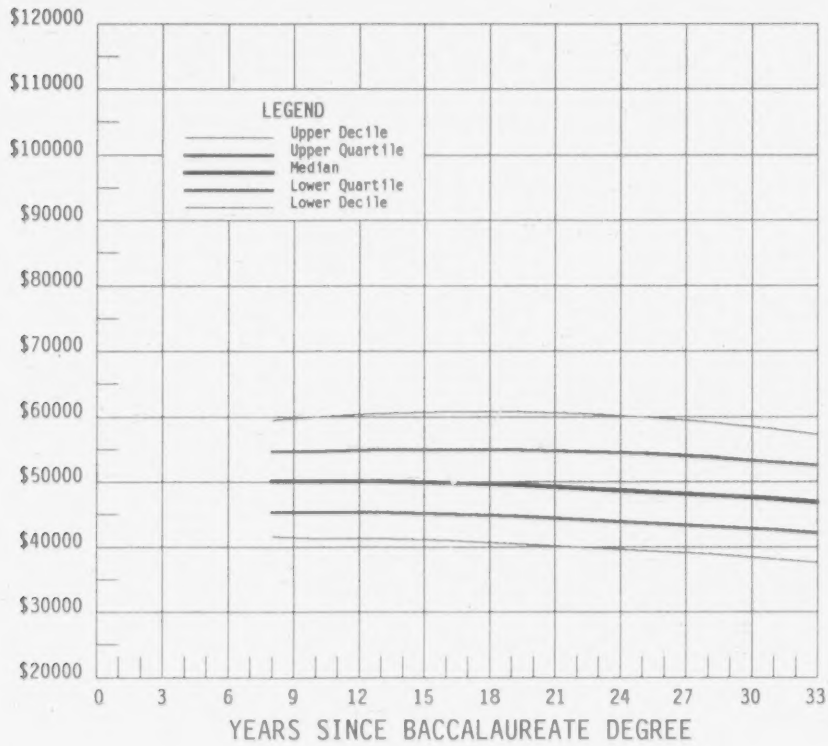
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS, 12 MONTH FULL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, 12 MONTH, FULL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	93000	99200	105450	106900	107000	107000	102500
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	89400	90300	91000	91550	91850	91750	91250
Median	0	0	0	0	0	0	0	0	0	0	0	0	82600	81850	81150	80500	79950	78600	80350
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	72900	72150	71400	70800	70350	69850	70800
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	66150	66100	64700	63150	61950	60700	62850
Mean	0	0	0	0	0	0	0	0	0	0	0	0	81600	83400	83300	83050	82900	82850	82700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	93000	94350	107500	98000	108500	110700	102500
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	88500	92300	91650	88750	93750	91650	91250
Median	0	0	0	0	0	0	0	0	0	0	0	0	82500	84400	77600	81450	80600	78500	80350
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	73000	71650	72000	71000	69650	70000	70800
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	65600	67600	64550	62400	61750	61000	62850
Mean	0	0	0	0	0	0	0	0	0	0	0	0	81550	83650	83250	82600	82690	83200	82700
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	0	0	2	5	18	19	24	32	33	60	193
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

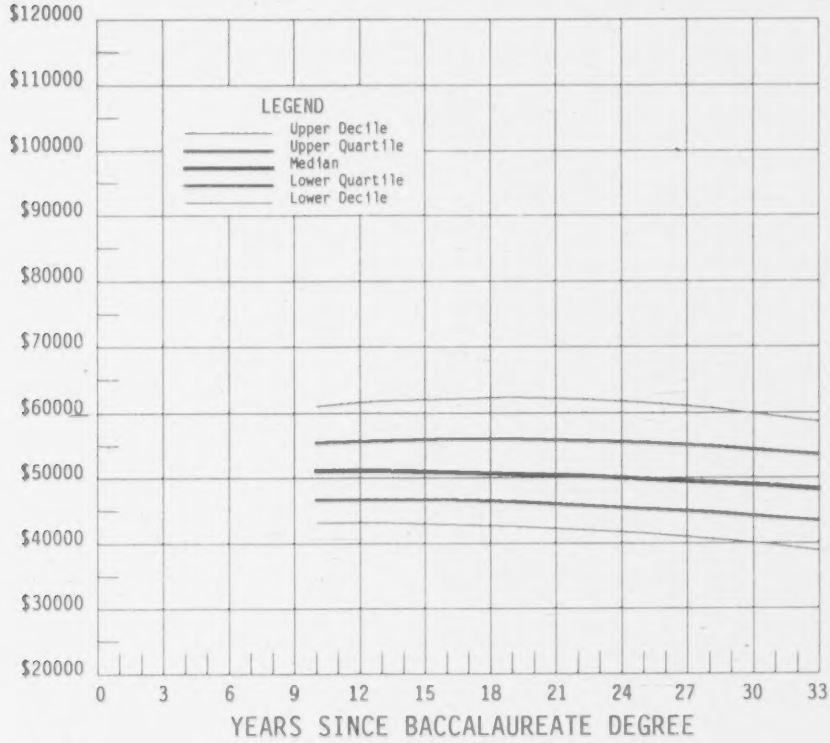
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS
ASSOCIATE PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, ASSOCIATE PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	59600	60050	60550	60750	60750	60500	59950	59200	58250	54800	59550
Upper Quartile	0	0	0	0	0	0	0	0	54550	54750	54950	55000	54900	54650	54300	53750	53150	50900	54000
Median	0	0	0	0	0	0	0	0	50250	50200	50100	49850	49550	49150	48650	48100	47500	45550	48800
Lower Quartile	0	0	0	0	0	0	0	0	45350	45350	45250	45050	44700	44300	43850	43250	42600	40550	43850
Lower Decile	0	0	0	0	0	0	0	0	41550	41450	41250	40950	40600	40100	39550	38950	38250	36100	39250
Mean	0	0	0	0	0	0	0	0	50150	50300	50450	50400	50250	49900	49450	48850	48100	45700	49250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	58400	60950	60600	60000	61200	59750	61600	58700	57700	54800	59550
Upper Quartile	0	0	0	0	0	0	0	0	52250	54800	54650	54700	56150	54300	54950	52500	52100	51150	54000
Median	0	0	0	0	0	0	0	0	47000	49450	50200	49850	50350	49150	48850	46550	47150	45800	48800
Lower Quartile	0	0	0	0	0	0	0	0	41500	44700	45400	45000	45500	44400	43900	41550	42650	40750	43850
Lower Decile	0	0	0	0	0	0	0	0	38600	40950	41450	41250	40600	40300	39400	37700	39150	36150	39250
Mean	0	0	0	0	0	0	0	0	47250	50050	50500	50300	50800	49850	49900	47550	47800	45850	49250
Supporting Data																			
Total Number	0	0	1	0	1	2	1	8	14	159	405	499	474	365	327	226	189	474	3145
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

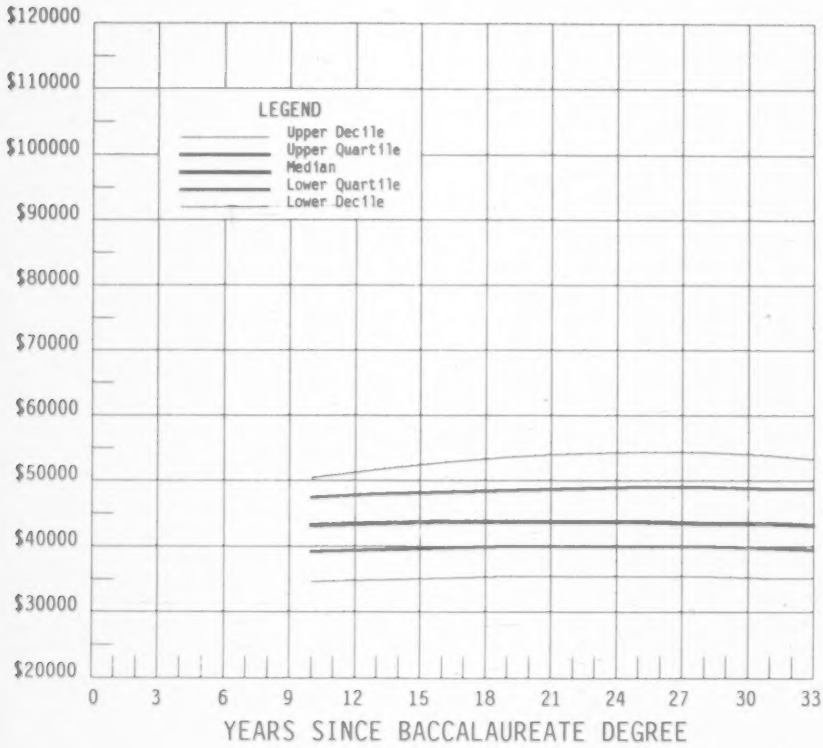
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS
ASSOCIATE PROFESSORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, ASSOCIATE PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	0	0	0	0	61050	61800	62200	62350	62100	61550	60700	59600	55500	60950
Upper Quartile	0	0	0	0	0	0	0	0	0	55450	55800	56000	56000	55800	55450	54900	54150	51500	55150
Median	0	0	0	0	0	0	0	0	0	51150	51150	51000	50750	50400	49950	49400	48700	46550	50050
Lower Quartile	0	0	0	0	0	0	0	0	0	46650	46700	46550	46350	45950	45450	44800	44050	41650	45400
Lower Decile	0	0	0	0	0	0	0	0	0	43100	43200	43050	42750	42250	41600	40750	39800	36750	41350
Mean	0	0	0	0	0	0	0	0	0	51500	51750	51850	51750	51450	50950	50300	49500	46650	50650
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	0	0	0	0	61950	61500	61950	62250	61600	63700	60200	58450	55550	60950
Upper Quartile	0	0	0	0	0	0	0	0	0	55600	55350	55600	57400	55750	55750	54000	52700	51800	55150
Median	0	0	0	0	0	0	0	0	0	50650	51050	50800	51850	50200	50100	48200	48250	46750	50050
Lower Quartile	0	0	0	0	0	0	0	0	0	45850	46850	46100	47550	46050	45650	42750	44050	41850	45400
Lower Decile	0	0	0	0	0	0	0	0	0	42500	43300	42350	44400	42150	41750	38400	40350	36900	41350
Mean	0	0	0	0	0	0	0	0	0	51400	51650	51500	52600	51300	51600	49050	48950	46800	50650
---------- Supporting Data ----------																			
Total Number	0	0	1	0	0	1	1	6	8	136	350	408	380	282	242	167	146	354	2482
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

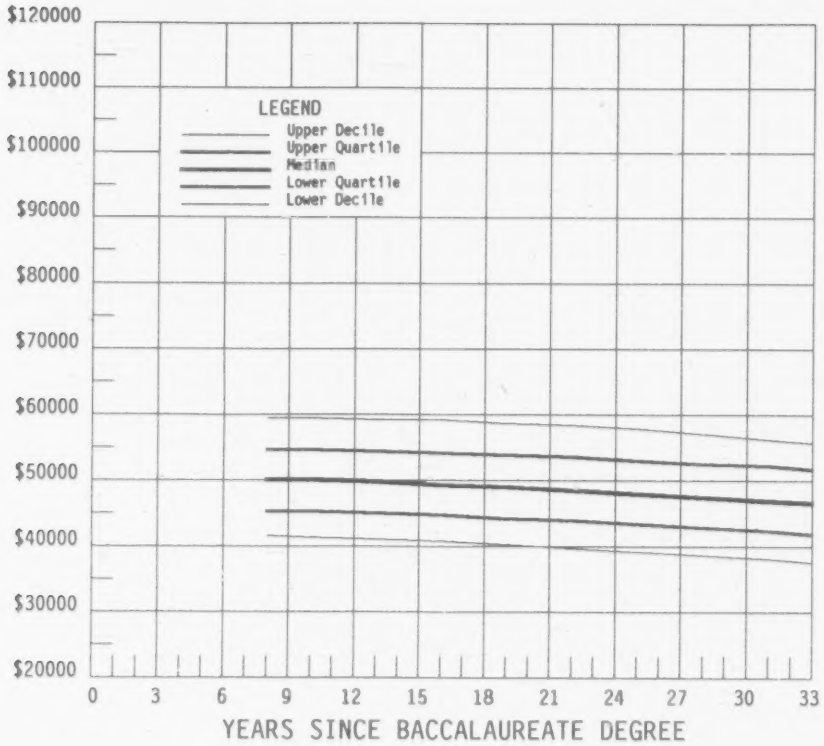
SALARY CURVES FOR ENGINEERS IN NON PHD-GRANTING SCHOOLS
ASSOCIATE PROFESSORS



1990 ENGINEERING SALARY STATISTICS: NON PHD-GRANTING SCHOOLS, ASSOCIATE PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	50450	51700	52700	53500	54050	54300	54300	53950	51900	52700
Upper Quartile	0	0	0	0	0	0	0	0	0	47550	48000	48350	48650	48850	48950	48950	48900	48250	48500
Median	0	0	0	0	0	0	0	0	0	43300	43550	43700	43750	43800	43700	43550	43350	42450	43400
Lower Quartile	0	0	0	0	0	0	0	0	0	39150	39500	39800	39950	40050	40000	39900	39650	38550	39450
Lower Decile	0	0	0	0	0	0	0	0	0	34650	34950	35200	35400	35450	35500	35400	35250	34550	35200
Mean	0	0	0	0	0	0	0	0	0	42950	43500	43950	44300	44450	44500	44400	44150	42950	43900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	50700	51500	52600	53800	52950	57000	52050	53700	52000	52700
Upper Quartile	0	0	0	0	0	0	0	0	0	47950	46350	50050	47200	50050	50400	46800	47950	48500	48500
Median	0	0	0	0	0	0	0	0	0	42500	43050	44900	43050	44100	43900	42950	43150	42550	43400
Lower Quartile	0	0	0	0	0	0	0	0	0	37150	39300	41550	39150	40600	39550	39250	39700	38700	39450
Lower Decile	0	0	0	0	0	0	0	0	0	34300	35300	35650	34450	36100	35000	35250	36600	34400	35200
Mean	0	0	0	0	0	0	0	0	0	42150	43200	45000	43500	44850	45000	43450	43850	43050	43900
Supporting Data																			
Total Number	0	0	0	0	1	1	0	2	6	23	55	91	94	83	85	59	43	120	663
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

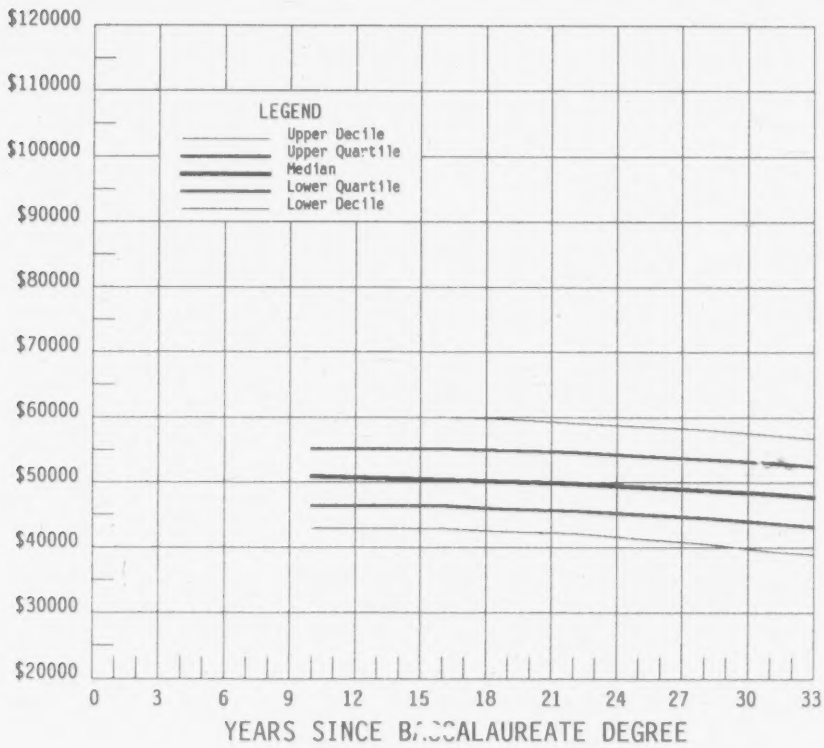
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS, 9 MONTH CONTRACTS ASSOCIATE PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, 9 MONTH CONTRACTS, ASSOCIATE PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	59400	59400	59300	59100	58750	58300	57750	57150	56400	54050	58100
Upper Quartile	0	0	0	0	0	0	0	0	54750	54650	54450	54200	53850	53500	53100	52650	52150	50600	53100
Median	0	0	0	0	0	0	0	0	50250	50050	49750	49350	48950	48500	48000	47500	46950	45300	48300
Lower Quartile	0	0	0	0	0	0	0	0	45450	45300	45100	44800	44400	44000	43500	42950	42350	40500	43550
Lower Decile	0	0	0	0	0	0	0	0	41550	41400	41100	40750	40350	39850	39300	38750	38100	36200	39100
Mean	0	0	0	0	0	0	0	0	50250	50150	49950	49650	49250	48850	48350	47750	47150	45300	48450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	58800	59950	59000	58500	59850	58000	58400	55700	56550	54150	58100
Upper Quartile	0	0	0	0	0	0	0	0	52600	54350	54200	53850	55450	53100	53250	51350	51400	50850	53100
Median	0	0	0	0	0	0	0	0	47750	49050	49950	49300	49800	48650	48000	45900	46700	45550	48300
Lower Quartile	0	0	0	0	0	0	0	0	42250	44500	45250	44750	45250	44100	43350	41300	42400	40700	43550
Lower Decile	0	0	0	0	0	0	0	0	39950	40600	41300	41200	40350	39950	39050	37600	39000	36250	39100
Mean	0	0	0	0	0	0	0	0	48500	49600	50000	49450	50150	48700	48500	46450	47000	45450	48450
Supporting Data																			
Total Number	0	0	1	0	1	2	1	8	13	152	385	465	449	344	297	209	177	457	2961
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

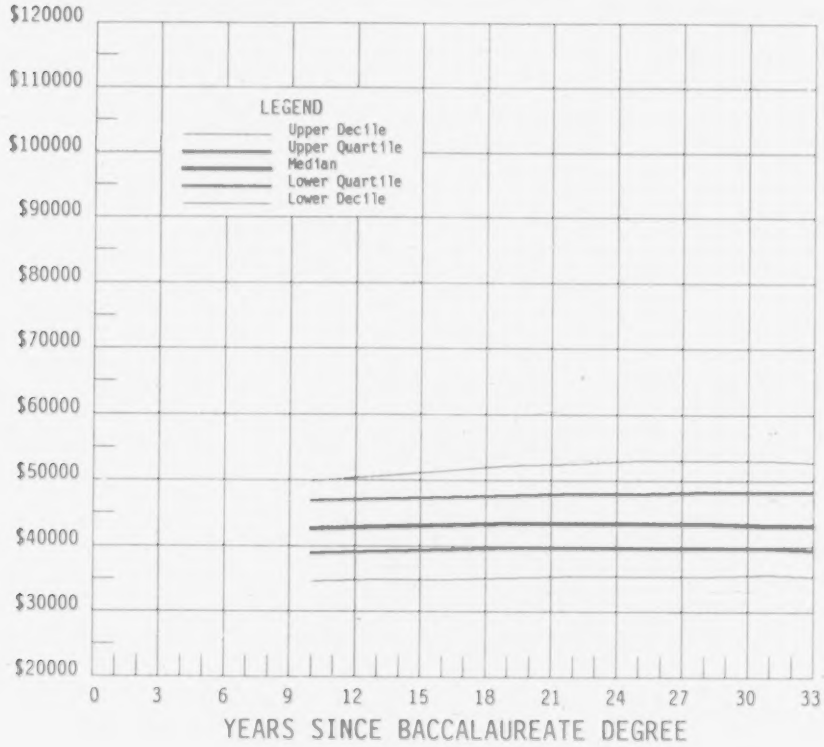
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS, 9 MONTH CONTRACTS ASSOCIATE PROFESSORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, 9 MONTH CONTRACTS, ASSOCIATE PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	0	0	0	0	60100	60100	59950	59700	59250	58750	58100	57350	54850	59000
Upper Quartile	0	0	0	0	0	0	0	0	0	55250	55250	55150	54950	54650	54200	53700	53100	51100	54250
Median	0	0	0	0	0	0	0	0	0	50850	50750	50500	50200	49800	49300	48750	48150	46200	49550
Lower Quartile	0	0	0	0	0	0	0	0	0	46500	46450	46300	46000	45600	45100	44450	43750	41400	45150
Lower Decile	0	0	0	0	0	0	0	0	0	43000	43050	42850	42500	42000	41300	40500	39550	36550	41150
Mean	0	0	0	0	0	0	0	0	0	51200	51150	51000	50700	50250	49700	49100	48350	46000	49800
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	0	0	0	0	61050	59650	59200	60900	58900	59850	56400	57200	54950	59000
Upper Quartile	0	0	0	0	0	0	0	0	0	55200	54750	54750	56700	54500	54150	52550	51950	51400	54250
Median	0	0	0	0	0	0	0	0	0	50100	50700	50300	51450	49650	49250	47400	47650	46450	49550
Lower Quartile	0	0	0	0	0	0	0	0	0	45600	46650	45800	47400	45700	45200	42300	43650	41650	45150
Lower Decile	0	0	0	0	0	0	0	0	0	42350	43150	42100	44300	41900	41400	38000	40050	36700	41150
Mean	0	0	0	0	0	0	0	0	0	50900	51050	50500	52000	50050	50050	47550	47950	46200	49800
---------- Supporting Data ----------																			
Total Number	0	0	1	0	0	1	1	6	8	129	336	383	364	264	216	151	135	341	2336
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

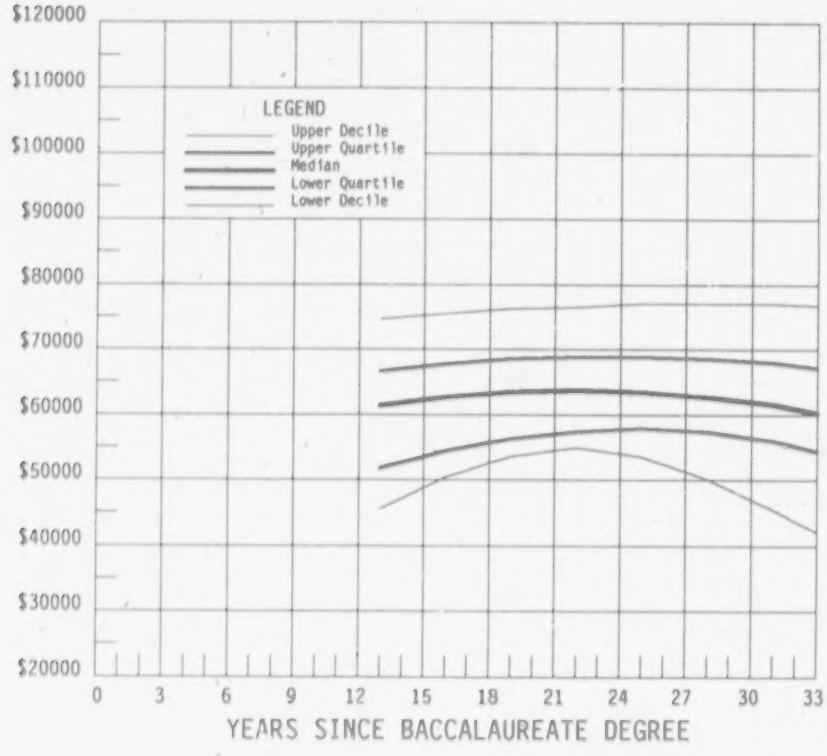
SALARY CURVES FOR ENGINEERS IN NON PHD-GRANTING SCHOOLS, 9 MONTH ASSOCIATE PROFESSORS



1990 ENGINEERING SALARY STATISTICS: NON PHD-GRANTING SCHOOLS, 9 MONTH, ASSOCIATE PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	49950	50800	51600	52200	52650	52950	53100	53050	52100	52150
Upper Quartile	0	0	0	0	0	0	0	0	0	46950	47250	47500	47750	47950	48100	48250	48350	48400	47600
Median	0	0	0	0	0	0	0	0	0	42700	42950	43200	43350	43450	43450	43450	43300	42650	43150
Lower Quartile	0	0	0	0	0	0	0	0	0	38900	39250	39550	39750	39850	39850	39800	39650	38850	39400
Lower Decile	0	0	0	0	0	0	0	0	0	34650	34850	35050	35250	35350	35500	35550	35600	35550	35300
Mean	0	0	0	0	0	0	0	0	0	42450	42950	43350	43650	43900	44000	44000	43900	43200	43550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	50700	51250	52200	49800	52500	55350	52100	53800	51900	52150
Upper Quartile	0	0	0	0	0	0	0	0	0	47950	45900	48850	45900	49250	49050	46900	48100	48500	47600
Median	0	0	0	0	0	0	0	0	0	42500	42250	44500	42350	43850	43550	43100	43350	42700	43150
Lower Quartile	0	0	0	0	0	0	0	0	0	37150	38900	41500	38750	40350	39300	39400	39850	38950	39400
Lower Decile	0	0	0	0	0	0	0	0	0	34300	35100	35700	34150	36000	34900	35850	36400	35450	35300
Mean	0	0	0	0	0	0	0	0	0	42150	42650	44550	42250	44400	44300	43700	43950	43200	43550
Supporting Data																			
Total Number	0	0	0	0	1	1	0	2	5	23	49	82	85	80	81	58	42	116	625
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

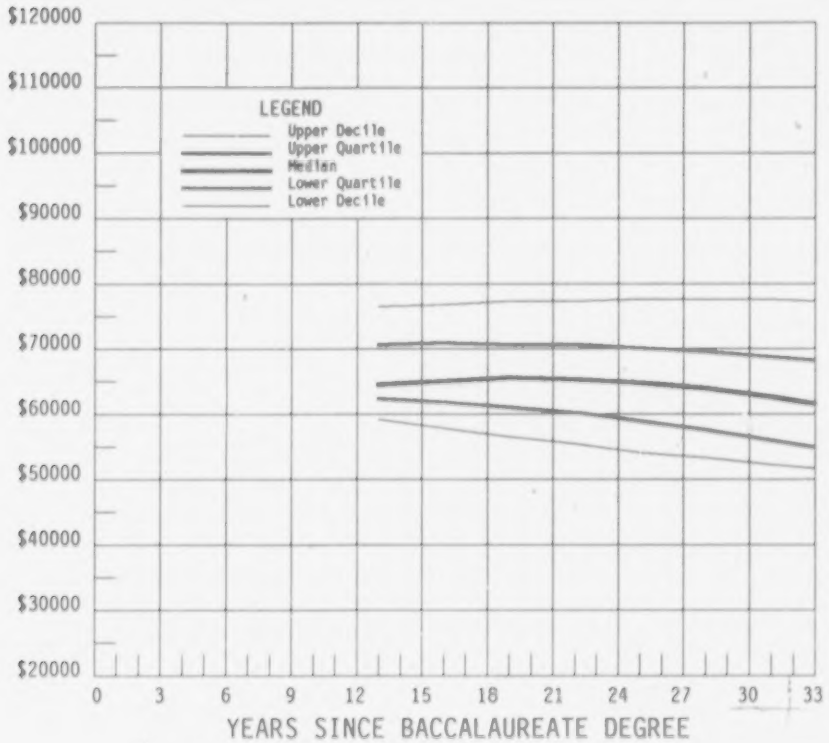
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS, 12 MONTH CONTRACTS ASSOCIATE PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, 12 MONTH CONTRACTS, ASSOCIATE PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	74600	75450	76150	76650	77000	77100	77050	75900	75850
Upper Quartile	0	0	0	0	0	0	0	0	0	0	66700	67750	68450	68850	68900	68650	68000	64900	67750
Median	0	0	0	0	0	0	0	0	0	0	61350	62600	63400	63700	63450	62700	61500	56400	62200
Lower Quartile	0	0	0	0	0	0	0	0	0	0	51800	54300	56150	57350	57750	57300	56100	49800	55200
Lower Decile	0	0	0	0	0	0	0	0	0	0	45600	50350	53650	54850	53600	50250	45500	31650	50400
Mean	0	0	0	0	0	0	0	0	0	0	60300	62050	63250	63800	63700	62950	61600	55650	61750
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	72000	78150	73000	82250	77350	73200	75200	77200	75850
Upper Quartile	0	0	0	0	0	0	0	0	0	0	66650	67650	66750	73500	68500	67750	66000	65500	67750
Median	0	0	0	0	0	0	0	0	0	0	62000	62000	61650	67000	64000	63000	58000	57000	62200
Lower Quartile	0	0	0	0	0	0	0	0	0	0	51500	53750	55550	62500	57750	56350	51500	50950	55200
Lower Decile	0	0	0	0	0	0	0	0	0	0	45500	50250	53300	56200	55000	46100	47600	31700	50400
Mean	0	0	0	0	0	0	0	0	0	0	60050	61850	62050	68100	63800	61250	59350	56350	61750
---------- Supporting Data ----------																			
Total Number	0	0	0	0	0	0	0	0	1	7	20	34	25	21	30	17	12	17	184
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

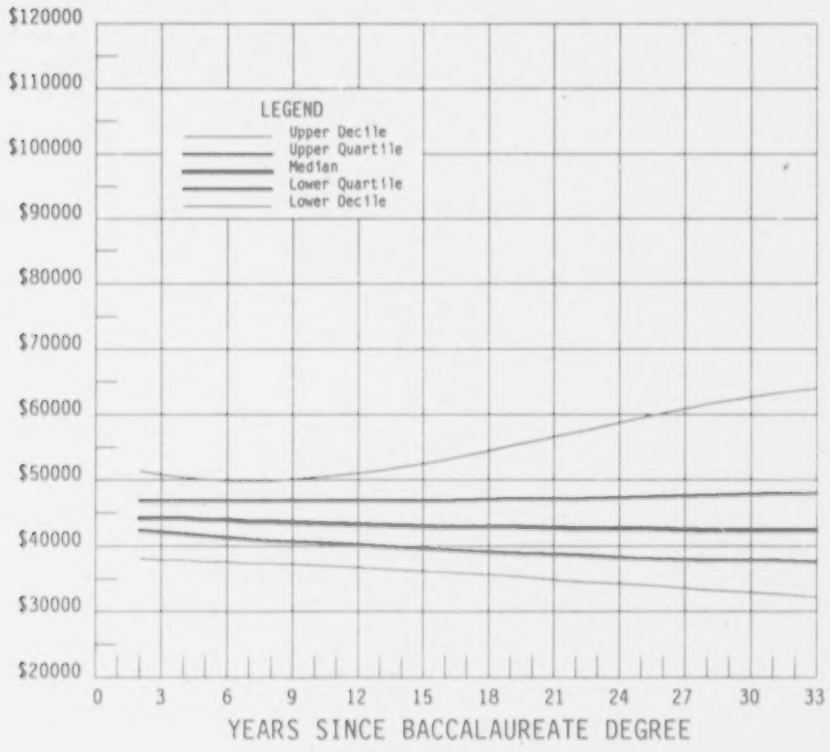
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS, 12 MONTH ASSOCIATE PROFESSORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, 12 MONTH, ASSOCIATE PROFESSORS

Years since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	76500	76900	77250	77450	77600	77650	77600	77050	77500
Upper Quartile	0	0	0	0	0	0	0	0	0	0	70750	70850	70750	70550	70100	69550	68850	66300	69900
Median	0	0	0	0	0	0	0	0	0	0	64550	65200	65500	65400	64900	64000	62700	58000	64700
Lower Quartile	0	0	0	0	0	0	0	0	0	0	62300	61800	61100	60150	58950	57550	56050	51350	58800
Lower Decile	0	0	0	0	0	0	0	0	0	0	59250	57850	56550	55350	54200	53200	52200	50000	53450
Mean	0	0	0	0	0	0	0	0	0	0	66600	66500	66200	65750	65150	64400	63500	60550	64900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	73200	79350	74800	83000	77850	73600	75600	78800	77500
Upper Quartile	0	0	0	0	0	0	0	0	0	0	69000	71500	70000	75000	69500	68000	66500	67500	69900
Median	0	0	0	0	0	0	0	0	0	0	64000	65000	65000	68000	65150	64000	59000	59000	64700
Lower Quartile	0	0	0	0	0	0	0	0	0	0	61650	60850	61600	65000	58000	57350	52600	52450	58800
Lower Decile	0	0	0	0	0	0	0	0	0	0	60250	55250	58400	59200	54600	50900	50150	51000	53450
Mean	0	0	0	0	0	0	0	0	0	0	65450	66500	65800	69950	64550	63250	61150	61600	64900
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	0	7	14	25	16	18	26	16	11	13	146
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

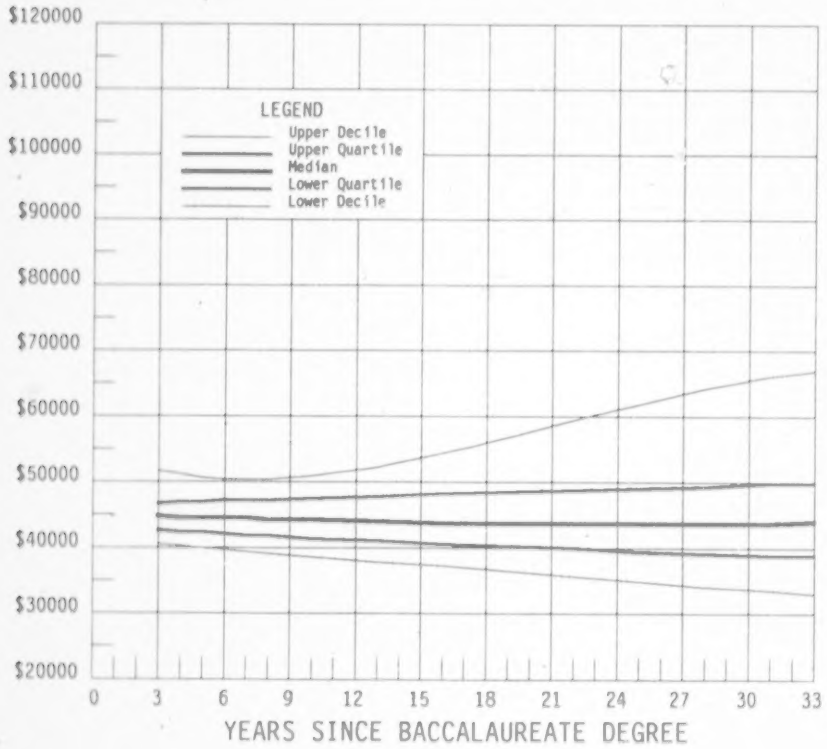
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS
ASSISTANT PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, ASSISTANT PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	51500	50850	50400	50100	49900	49850	49950	50350	51500	53150	55150	57350	59500	61550	63300	65950	51700
Upper Quartile	0	0	46850	46850	46850	46850	46850	46850	46850	46900	46950	47000	47150	47300	47450	47700	47900	48700	46950
Median	0	0	44400	44300	44200	44050	43950	43850	43750	43550	43300	43050	42850	42700	42600	42500	42400	42400	43450
Lower Quartile	0	0	42350	42100	41800	41600	41350	41100	40900	40500	39900	39400	38950	38600	38250	37950	37750	37350	40050
Lower Decile	0	0	38050	37950	37800	37700	37550	37450	37300	37000	36500	35950	35350	34750	34100	33400	32700	30750	36300
Mean	0	0	43950	43900	43850	43800	43750	43750	43750	43700	43750	43850	44000	44200	44450	44750	45100	46100	44000
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	46900	49550	49400	49050	49900	49000	49550	51800	51750	52250	53450	49350	54200	70400	65200	70100	51700
Upper Quartile	0	0	45250	48300	46050	46200	46450	46050	46500	47400	47250	47750	46700	43900	47000	46800	48100	49150	46950
Median	0	0	42500	46150	43150	43700	43600	43100	43600	43750	43850	43500	42900	40800	41300	42800	38250	43100	43450
Lower Quartile	0	0	35500	43250	41100	40400	40950	40400	41100	40550	40900	39850	39300	37400	34650	36350	32500	38500	40050
Lower Decile	0	0	30200	34400	36000	34800	38050	36600	37850	37400	37650	36450	35600	33550	28400	31200	27350	32100	36300
Mean	0	0	40450	44250	43300	43350	43750	42800	43600	44100	44250	44050	44100	41600	42550	45100	41550	47050	44000
---------- Supporting Data ----------																			
Total Number	4	5	11	22	50	88	154	209	272	772	551	298	181	87	56	38	37	184	3019
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	1	1	3	1	0	0	0	0	0	0	0	6

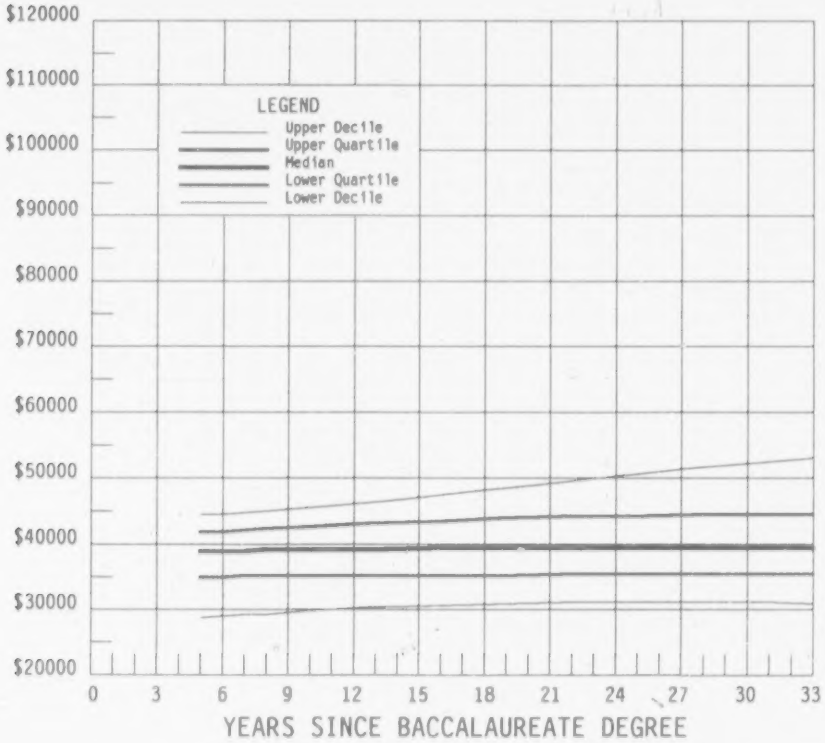
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS
ASSISTANT PROFESSORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, ASSISTANT PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	51800	51150	50700	50450	50350	50400	50900	52350	54400	56850	59450	62000	64300	66200	68800	52300
Upper Quartile	0	0	0	46800	46900	47000	47100	47200	47300	47500	47800	48150	48450	48750	49100	49400	49750	50650	47700
Median	0	0	0	44750	44650	44550	44500	44400	44300	44200	44000	43850	43800	43700	43700	43750	43800	44200	44150
Lower Quartile	0	0	0	42700	42500	42300	42150	41950	41800	41450	41000	40600	40250	39900	39600	39300	39050	38600	41300
Lower Decile	0	0	0	40500	40250	40000	39750	39500	39250	38750	38000	37250	36500	35750	35000	34250	33500	31550	38300
Mean	0	0	0	45100	44950	44800	44750	44650	44650	44650	44800	45100	45500	45900	46300	46700	47050	47550	45050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	49700	49800	49550	50950	49250	49850	52500	52200	53200	55000	49600	67200	73400	58800	74250	52300
Upper Quartile	0	0	0	48700	46250	46600	46850	46350	46850	48150	47900	48450	47800	45900	49500	61000	41750	51200	47700
Median	0	0	0	47000	43550	44550	44200	43650	44050	44450	44250	44300	43850	42200	42900	45250	37750	44900	44150
Lower Quartile	0	0	0	45050	41650	42000	41650	41500	41650	41500	41450	41200	40450	39350	37500	40250	31500	39500	41300
Lower Decile	0	0	0	43700	39400	39450	39100	38950	39000	38700	38650	37950	37050	36050	31400	31300	27300	32500	38300
Mean	0	0	0	46850	44250	44800	44700	43850	44400	45100	44900	45150	45400	43150	45850	49150	40150	49200	45050
Supporting Data																			
Total Number	4	3	8	18	43	74	131	175	237	661	481	226	137	61	34	23	23	132	2471
$125,000 or More	0	0	0	0	0	0	0	0	0	0	-0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2

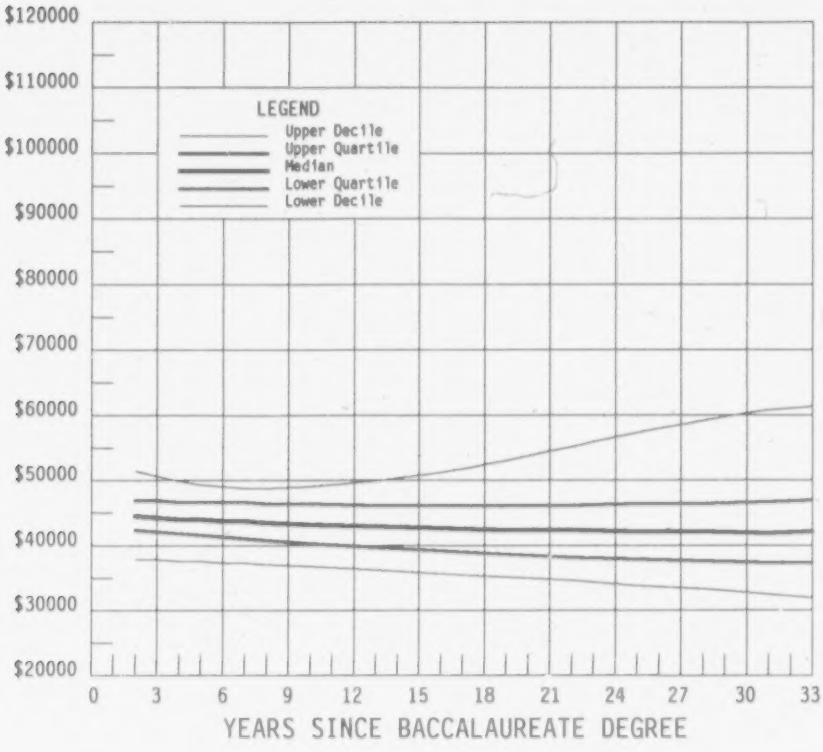
SALARY CURVES FOR ENGINEERS IN NON PHD-GRANTING SCHOOLS ASSISTANT PROFESSORS



1990 ENGINEERING SALARY STATISTICS: NON PHD-GRANTING SCHOOLS, ASSISTANT PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	44450	44600	44800	45000	45500	46400	47400	48450	49550	50700	51700	52650	54300	46550
Upper Quartile	0	0	0	0	0	41750	41900	42100	42300	42650	43100	43550	43900	44150	44400	44500	44600	44400	42950
Median	0	0	0	0	0	38950	39000	39050	39100	39150	39250	39350	39450	39500	39550	39550	39550	39500	39150
Lower Quartile	0	0	0	0	0	35050	35050	35100	35100	35150	35200	35250	35300	35350	35350	35350	35350	35300	35250
Lower Decile	0	0	0	0	0	28900	29100	29300	29450	29850	30300	30700	31000	31200	31300	31300	31200	30500	29700
Mean	0	0	0	0	0	37650	37850	38000	38150	38500	38950	39350	39750	40100	40400	40650	40850	41200	39150
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	40800	44700	45800	44900	45600	46550	50700	46700	43100	48200	46250	66400	55400	46550
Upper Quartile	0	0	0	0	0	39750	42350	41750	42600	42400	44300	44800	43100	39750	43250	42900	54500	44000	42950
Median	0	0	0	0	0	38000	39500	37700	39300	39100	39900	40400	40000	37250	37350	38500	41000	39800	39150
Lower Quartile	0	0	0	0	0	31500	34750	34750	35150	35050	36500	36650	36500	35000	29650	34750	33000	36400	35250
Lower Decile	0	0	0	0	0	29400	29300	28250	29650	29000	31350	32200	32400	31200	27200	31000	27400	31450	29700
Mean	0	0	0	0	0	35750	38250	37600	38300	38200	39800	40700	40000	37900	37450	38950	43800	41500	39150
---------- Supporting Data ----------																			
Total Number	0	2	3	4	7	14	23	34	35	111	70	72	44	26	22	15	14	52	548
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	4

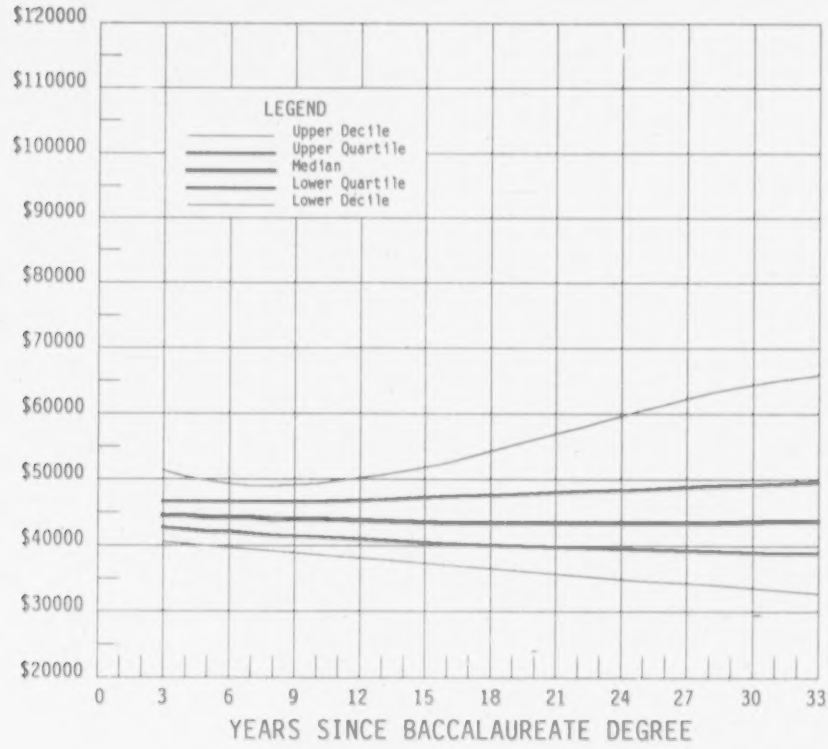
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS, 9 MONTH CONTRACTS ASSISTANT PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, 9 MONTH CONTRACTS, ASSISTANT PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	51450	50550	49850	49350	49000	48800	48750	48950	49800	51250	53100	55100	57200	59150	60800	63350	49850
Upper Quartile	0	0	47000	46900	46800	46700	46600	46550	46450	46350	46200	46150	46150	46200	46300	46450	46700	47650	46500
Median	0	0	44450	44250	44100	43950	43800	43700	43550	43300	43000	42700	42450	42300	42150	42050	42000	42100	43150
Lower Quartile	0	0	42400	42100	41800	41550	41250	41000	40750	40300	39650	39100	38650	38250	37900	37650	37450	37150	39800
Lower Decile	0	0	37850	37750	37650	37500	37400	37250	37100	36800	36300	35800	35200	34600	33950	33300	32600	30700	36100
Mean	0	0	43650	43550	43450	43400	43300	43250	43200	43150	43100	43150	43300	43450	43700	44000	44350	45500	43400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	46900	49550	48850	47650	48450	48750	49000	49900	50450	50300	51400	47800	52100	70400	49700	69450	49850
Upper Quartile	0	0	45250	48300	45850	45850	45950	45950	46250	46750	46700	46750	46150	43350	45650	46800	41000	48550	46500
Median	0	0	42500	46150	43100	43500	43300	43050	43450	43500	43550	43100	42550	40300	40750	42800	37350	42800	43150
Lower Quartile	0	0	35500	43250	41050	40200	40700	40500	41050	40300	40650	39550	39100	37150	34150	36350	31000	38400	39800
Lower Decile	0	0	30200	34400	35950	34100	38000	36750	37650	37150	37450	36350	35400	33350	28200	31200	27100	32000	36100
Mean	0	0	40450	44250	43000	42500	42900	42700	43300	43400	43700	43300	43550	40850	42000	45100	38450	46600	43400
Supporting Data																			
Total Number	4	5	11	22	49	81	142	200	260	716	520	277	172	81	53	38	32	179	2842
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	1	1	3	1	0	0	0	0	0	0	0	6

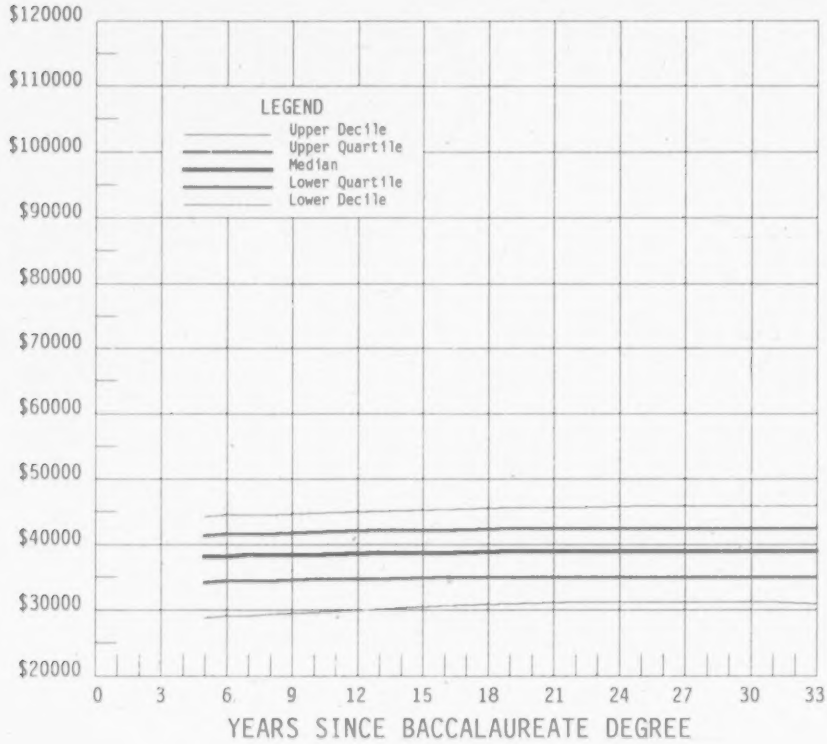
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS, 9 MONTH CONTRACTS ASSISTANT PROFESSORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, 9 MONTH CONTRACTS, ASSISTANT PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	51350	50400	49750	49350	49100	49050	49350	50650	52650	55150	57900	60600	63100	65150	68000	50550
Upper Quartile	0	0	0	46750	46700	46700	46650	46700	46700	46800	47050	47350	47750	48200	48600	49000	49400	50000	47000
Median	0	0	0	44600	44500	44350	44250	44150	44050	43900	43700	43550	43450	43450	43450	43550	43650	44100	43850
Lower Quartile	0	0	0	42700	42500	42250	42050	41850	41700	41300	40850	40400	40000	39650	39400	39150	38900	38550	41150
Lower Decile	0	0	0	40500	40200	39950	39650	39400	39150	38600	37800	37050	36250	35500	34800	34050	33350	31550	38200
Mean	0	0	0	44750	44500	44300	44150	44050	44000	43950	44150	44500	45000	45500	46000	46450	46800	47350	44500
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	49700	49100	48050	48850	48900	49300	50400	50950	51500	52250	48850	67600	73400	52400	74250	50550
Upper Quartile	0	0	0	48700	46050	46200	46300	46200	46550	47250	47100	47800	46800	44900	48000	61000	40700	51200	47000
Median	0	0	0	47000	43450	44350	43850	43550	43900	44100	43950	43900	43450	41900	42500	45250	37500	44900	43850
Lower Quartile	0	0	0	45050	41600	41800	41500	41450	41600	41300	41350	41050	40150	39100	37000	40250	31000	39500	41150
Lower Decile	0	0	0	43700	39300	39250	38900	38900	38900	38550	38550	37750	36800	35400	31200	31300	27200	32500	38200
Mean	0	0	0	46850	43900	43850	43750	43550	44050	44300	44300	44450	44800	42650	45500	49150	39350	49200	44500
---------- Supporting Data ----------																			
Total Number	4	3	8	18	42	68	122	171	229	620	459	214	128	57	32	23	22	132	2352
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2

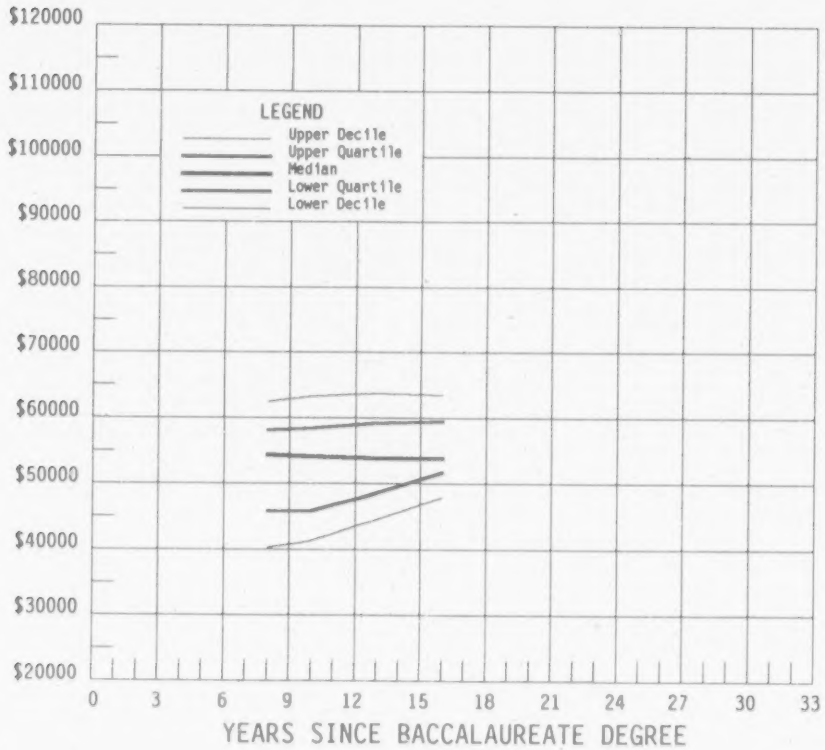
SALARY CURVES FOR ENGINEERS IN NON PHD-GRANTING SCHOOLS, 9 MONTH ASSISTANT PROFESSORS



1990 ENGINEERING SALARY STATISTICS: NON PHD-GRANTING SCHOOLS, 9 MONTH, ASSISTANT PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	44350	44450	44550	44650	44900	45150	45350	45550	45700	45800	45850	45800	45600	45250
Upper Quartile	0	0	0	0	0	41400	41500	41600	41700	41850	42050	42250	42400	42450	42500	42500	42450	42100	42000
Median	0	0	0	0	0	38200	38250	38350	38400	38500	38700	38800	38900	39000	39000	39000	38950	38700	38650
Lower Quartile	0	0	0	0	0	34250	34350	34400	34450	34600	34750	34900	34950	35000	35050	35050	35000	34700	34750
Lower Decile	0	0	0	0	0	28700	28950	29150	29350	29700	30200	30650	30950	31150	31250	31200	31100	30250	29500
Mean	0	0	0	0	0	37350	37450	37600	37700	37900	38200	38450	38650	38800	38900	38900	38900	38600	38150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	40800	44000	47150	43950	44900	45450	45850	46700	40800	46850	46250	47000	45650	45250
Upper Quartile	0	0	0	0	0	39650	41750	41450	42200	41450	42700	43300	43100	39000	42100	42900	41750	42400	42000
Median	0	0	0	0	0	35000	39300	37800	38750	38450	39200	39700	40000	37000	37000	38500	37000	39300	38650
Lower Quartile	0	0	0	0	0	31250	34000	34600	34500	34000	36250	36400	36500	34[illegible]0	29500	34750	31000	35850	34750
Lower Decile	0	0	0	0	0	29300	29000	28600	29400	28650	31400	32300	32400	30800	27100	31000	27000	31150	29500
Mean	0	0	0	0	0	35450	37700	37600	37750	37500	39000	39450	40000	36500	36650	38950	36500	39200	38150
Supporting Data																			
Total Number	0	2	3	4	7	13	20	29	31	96	61	63	44	24	21	15	10	47	490
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	4

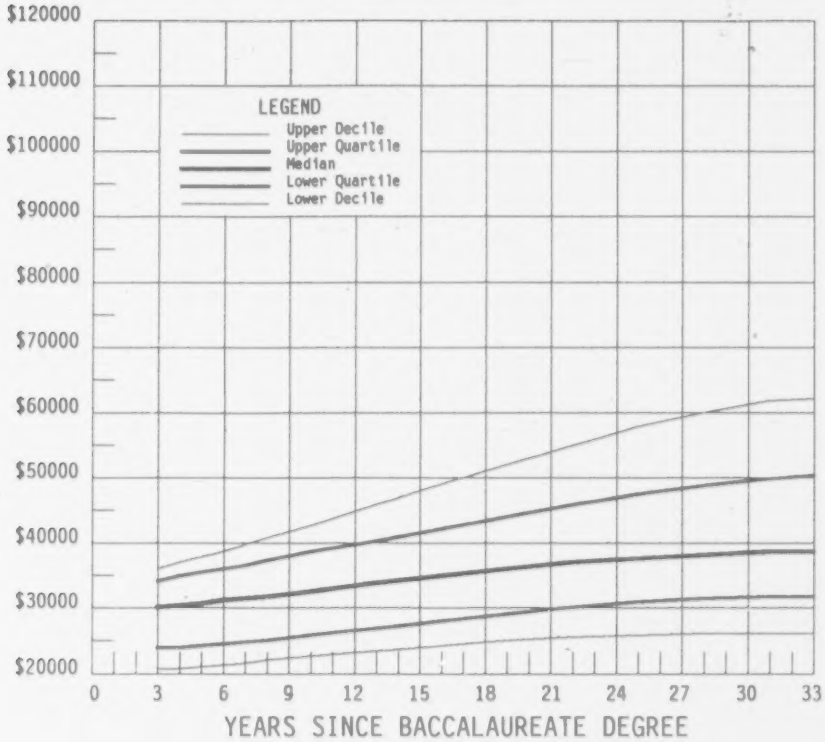
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS, 12 MONTH CONTRACTS ASSISTANT PROFESSORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, 12 MONTH CONTRACTS, ASSISTANT PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	62450	63200	63700	63400	0	0	0	0	0	0	63200
Upper Quartile	0	0	0	0	0	0	0	0	58100	58300	59100	59600	0	0	0	0	0	0	58850
Median	0	0	0	0	0	0	0	0	54400	54100	53950	53900	0	0	0	0	0	0	54450
Lower Quartile	0	0	0	0	0	0	0	0	45900	46000	48600	51650	0	0	0	0	0	0	48100
Lower Decile	0	0	0	0	0	0	0	0	40250	41400	44600	47950	0	0	0	0	0	0	42100
Mean	0	0	0	0	0	0	0	0	52300	52950	53950	54450	0	0	0	0	0	0	53500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	58400	64400	62550	63850	0	0	0	0	0	0	63200
Upper Quartile	0	0	0	0	0	0	0	0	56000	59000	58450	59750	0	0	0	0	0	0	58850
Median	0	0	0	0	0	0	0	0	51500	55250	53900	52500	0	0	0	0	0	0	54450
Lower Quartile	0	0	0	0	0	0	0	0	45500	45800	49600	50750	0	0	0	0	0	0	48100
Lower Decile	0	0	0	0	0	0	0	0	39800	41300	45250	47300	0	0	0	0	0	0	42100
Mean	0	0	0	0	0	0	0	0	50400	53600	53600	54200	0	0	0	0	0	0	53500
Supporting Data																			
Total Number	0	0	0	0	1	7	12	9	12	56	31	21	9	6	3	0	5	5	177
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

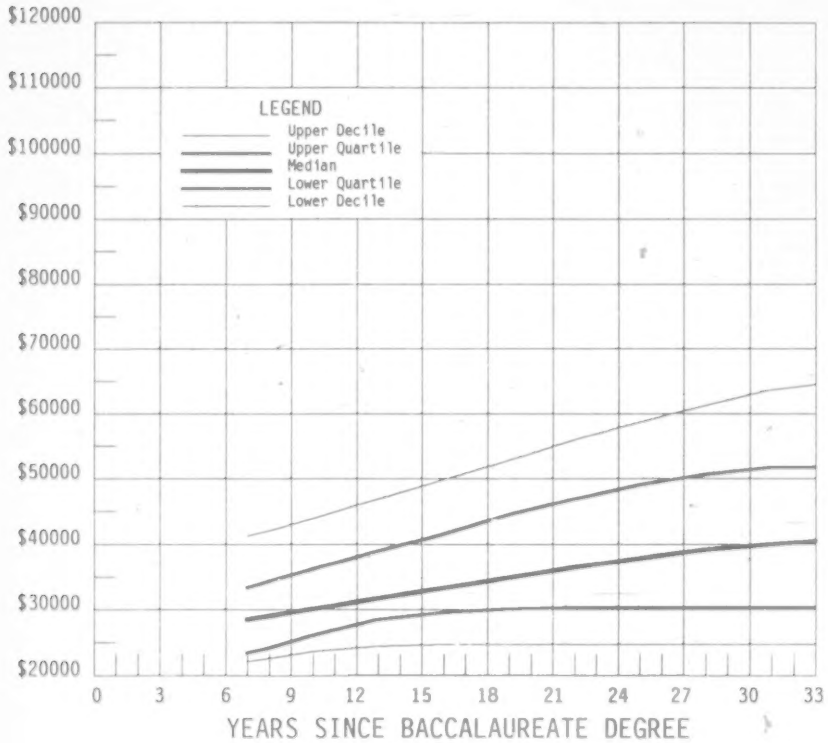
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	36000	36950	37850	38800	39800	40750	42800	45850	49000	52100	55050	57750	60050	61850	63400	51950
Upper Quartile	0	0	0	34250	34850	35450	36050	36650	37300	38550	40400	42250	44050	45750	47350	49800	50000	52050	40800
Median	0	0	0	30150	30450	30750	31100	31500	31850	32650	33850	35000	36100	36950	37700	38200	38550	38900	34300
Lower Quartile	0	0	0	23900	24050	24250	24500	24800	25100	25800	26900	28100	29150	30100	30850	31350	31700	32000	26850
Lower Decile	0	0	0	20700	20900	21150	21400	21700	22000	22600	23500	24300	25000	25500	25850	26100	26200	26300	22950
Mean	0	0	0	29500	29950	30400	30850	31350	31800	32750	34150	35600	37050	38450	39800	41150	42350	45000	36250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	33000	37400	41800	37850	40100	40750	43600	43700	49100	46400	53450	63200	79800	59800	62000	51950
Upper Quartile	0	0	0	31000	33500	37400	36700	37550	39200	40100	38200	40850	39200	41750	53000	63650	52250	50600	40800
Median	0	0	0	24000	28000	36000	30000	36100	34500	33800	31450	33650	33000	31500	34000	49250	39500	41200	34300
Lower Quartile	0	0	0	20500	23000	25000	25500	25300	27150	27850	25100	25300	27000	27750	28000	36500	30150	34900	26850
Lower Decile	0	0	0	19000	20200	22150	21450	21850	23800	23550	22150	22850	23100	23700	24950	28200	28050	27500	22950
Mean	0	0	0	25200	28550	32500	30750	33400	33350	34000	32350	35050	33700	37150	40000	53350	41150	44450	36250
Supporting Data																			
Total Number	1	5	2	10	22	22	26	29	27	59	43	33	32	27	24	21	21	75	479
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	4	4	2	3	3	0	2	4	2	1	1	1	0	1	2	31

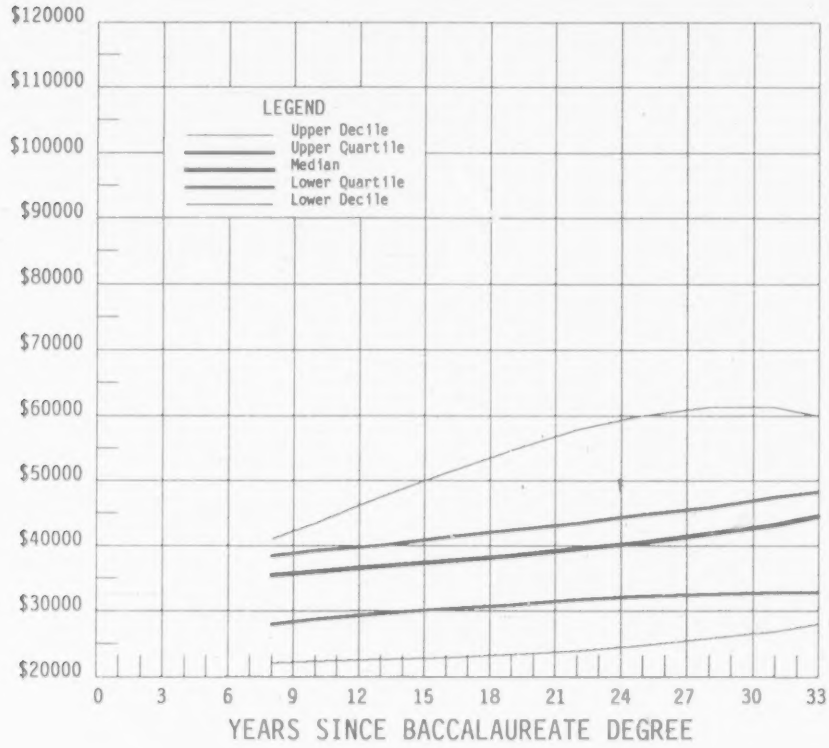
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS
INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	41200	42100	44000	46900	49900	52900	55900	58700	61350	63650	67550	55850
Upper Quartile	0	0	0	0	0	0	0	33450	34350	36150	38900	41700	44400	46900	49050	50700	51800	51450	42950
Median	0	0	0	0	0	0	0	28500	29050	30150	31800	33450	35050	36550	37900	39100	40100	41450	33800
Lower Quartile	0	0	0	0	0	0	0	23500	24250	26150	28450	29650	30150	30350	30400	30400	30400	30400	26600
Lower Decile	0	0	0	0	0	0	0	22200	22800	23850	24600	24800	24850	24900	24900	24900	24900	24900	23650
Mean	0	0	0	0	0	0	0	30250	30800	31950	33700	35450	37200	38850	40450	41950	43250	45550	37450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	55700	40100	44900	42950	46100	46100	53900	68000	95500	61600	65000	55850
Upper Quartile	0	0	0	0	0	0	0	36500	36750	35000	38250	41250	38250	44000	54500	70000	53000	49900	42950
Median	0	0	0	0	0	0	0	29000	28500	30800	31150	33000	33000	34000	36000	56000	41000	40450	33800
Lower Quartile	0	0	0	0	0	0	0	24500	25250	26500	25150	25100	26750	28000	29000	38750	30000	35100	26600
Lower Decile	0	0	0	0	0	0	0	22200	23300	24150	21600	23550	23300	23400	25350	25800	25200	27500	23650
Mean	0	0	0	0	0	0	0	32950	30900	32300	31950	35000	33350	38150	41900	56550	42100	44500	37450
Supporting Data																			
Total Number	1	3	2	7	10	9	9	11	13	34	27	23	23	24	20	18	16	65	315
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	1	0	1	3	0	1	1	0	0	1	2	16

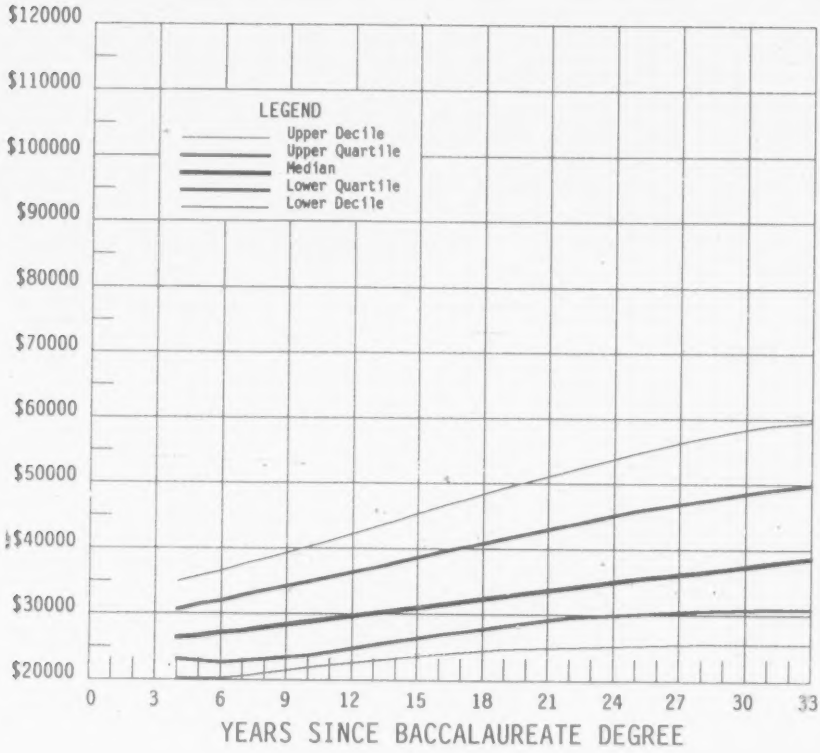
SALARY CURVES FOR ENGINEERS IN NON PHD-GRANTING SCHOOLS INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: NON PHD-GRANTING SCHOOLS, INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	41000	43550	47450	51300	54800	57850	60050	61250	61300	56200	43150
Upper Quartile	0	0	0	0	0	0	0	0	38400	39100	40100	41200	42350	43500	44750	46000	47350	51250	39150
Median	0	0	0	0	0	0	0	0	35500	35950	36700	37500	38400	39450	40550	41850	43250	47950	36000
Lower Quartile	0	0	0	0	0	0	0	0	28100	28700	29550	30350	31050	31650	32150	32500	32750	32800	27450
Lower Decile	0	0	0	0	0	0	0	0	22200	22350	22650	23000	23500	24100	24900	25850	26950	31450	22200
Mean	0	0	0	0	0	0	0	0	33200	34200	35650	37050	38400	39650	40800	41750	42550	43650	34000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	40850	43250	47600	53000	0	0	0	0	0	56000	43150
Upper Quartile	0	0	0	0	0	0	0	0	39950	41400	38000	40250	0	0	0	0	0	51500	39150
Median	0	0	0	0	0	0	0	0	38450	39150	32000	37000	0	0	0	0	0	48500	36000
Lower Quartile	0	0	0	0	0	0	0	0	31500	33250	25000	27000	0	0	0	0	0	33500	27450
Lower Decile	0	0	0	0	0	0	0	0	26800	23000	22600	20000	0	0	0	0	0	32000	22200
Mean	0	0	0	0	0	0	0	0	35650	36300	33000	35200	0	0	0	0	0	44100	34000
Supporting Data																			
Total Number	0	2	0	3	12	13	17	18	14	25	16	10	9	3	4	3	5	10	164
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	4	1	1	2	0	1	1	2	0	0	0	0	0	0	15

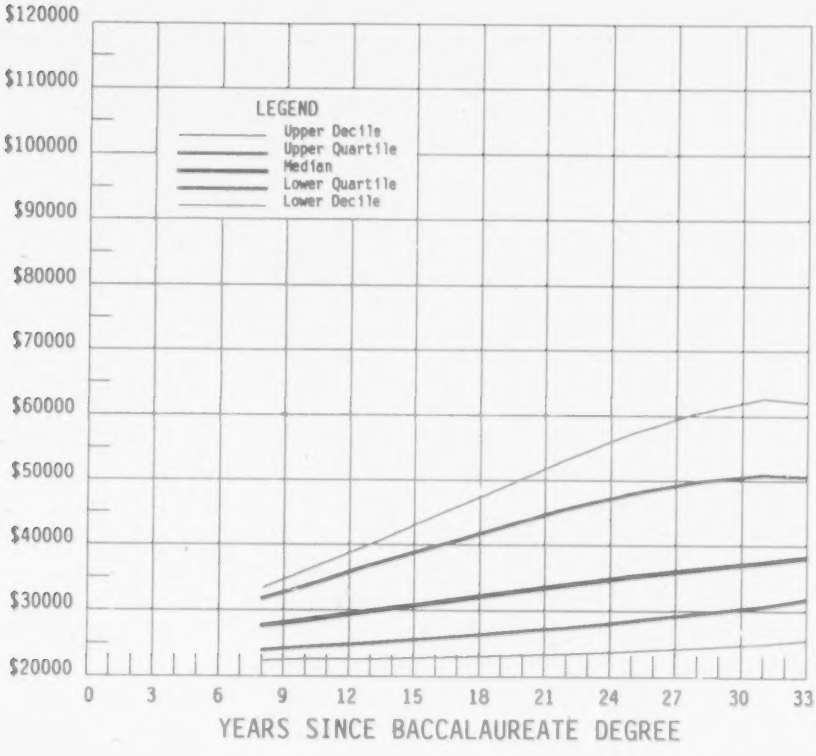
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS, 9 MONTH CONTRACTS INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, 9 MONTH CONTRACTS, INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	34900	35800	36650	37550	38500	40400	43300	46300	49250	52100	54750	57100	58950	61100	50700
Upper Quartile	0	0	0	0	30750	31400	32100	32800	33500	34950	37150	39350	41600	43750	45750	47600	49150	51600	39650
Median	0	0	0	0	26300	26700	27100	27550	27950	28800	30100	31400	32750	34050	35400	36650	37900	40700	31700
Lower Quartile	0	0	0	0	23250	22900	22800	22900	23100	23850	25350	27000	28400	29500	30200	30650	30850	31000	25250
Lower Decile	0	0	0	0	20150	20150	20350	20600	20950	21750	23000	24000	24750	25150	25400	25500	25550	25550	22350
Mean	0	0	0	0	27050	27550	28050	28500	29000	30000	31550	33100	34700	36250	37850	39350	40750	43950	34600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	33200	42050	38600	37500	39200	38800	41400	50000	40300	46100	68000	96000	60000	58500	50700
Upper Quartile	0	0	0	0	30500	35500	30500	32500	35000	34650	37000	40600	36250	38400	53000	62650	53000	49900	39650
Median	0	0	0	0	24000	29500	27000	25400	28000	30250	31000	33350	30500	29800	32650	47000	39500	40350	31700
Lower Quartile	0	0	0	0	21500	22850	23500	23500	25000	25100	24400	25000	25750	26750	27000	36000	30000	34600	25250
Lower Decile	0	0	0	0	19400	20600	20400	20000	23050	22750	21600	22650	22850	23300	24650	25600	28000	27500	22350
Mean	0	0	0	0	25850	29850	28300	27650	30100	30200	30850	34700	31550	33000	39300	51900	41200	43100	34600
Supporting Data																			
Total Number	1	5	2	7	14	13	18	15	16	39	36	30	27	23	20	16	20	65	367
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	4	2	3	3	0	2	4	2	1	1	1	0	1	2	31

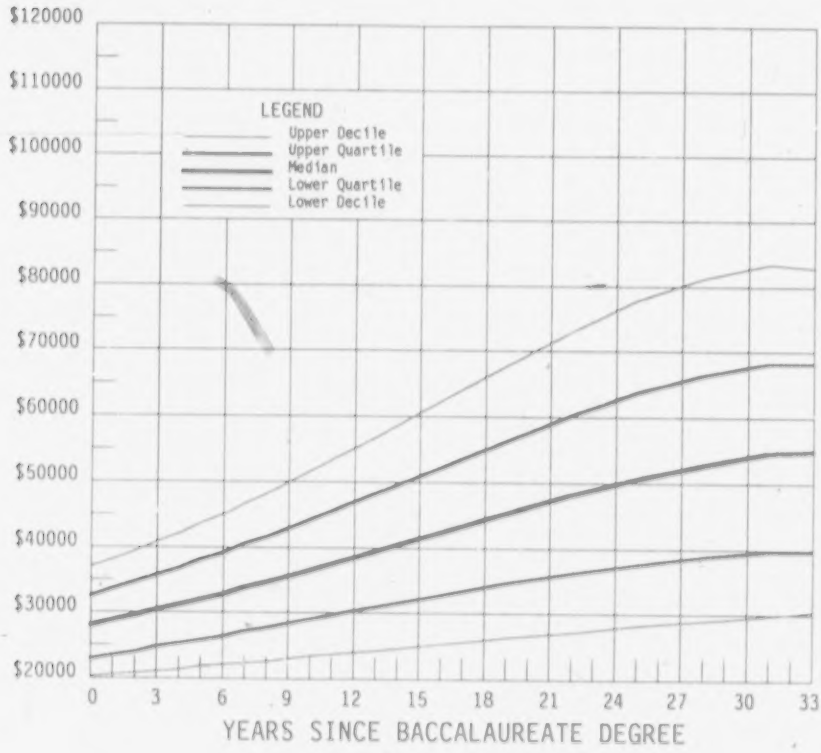
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS, 9 MONTH CONTRACTS INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, 9 MONTH CONTRACTS, INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	33450	36000	40050	44450	48900	53300	57300	60500	62550	60900	53200
Upper Quartile	0	0	0	0	0	0	0	0	31800	33700	36700	39750	42750	45500	47900	49750	50900	49850	40550
Median	0	0	0	0	0	0	0	0	27800	28650	29950	31250	32550	33850	35100	36300	37450	39900	31850
Lower Quartile	0	0	0	0	0	0	0	0	23950	24400	25050	25800	26600	27500	28500	29550	30700	34550	25600
Lower Decile	0	0	0	0	0	0	0	0	22450	22550	22700	22950	23200	23550	23950	24450	25000	26900	23000
Mean	0	0	0	0	0	0	0	0	27650	28950	30950	33000	35000	36950	38800	40350	41700	43250	35700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	38000	35000	42200	43900	37200	50000	69600	96500	61600	59050	53200
Upper Quartile	0	0	0	0	0	0	0	0	35000	32750	38500	40750	35000	39500	60000	63350	53000	48650	40550
Median	0	0	0	0	0	0	0	0	27000	29250	30800	33000	29350	30000	33000	48500	41000	39050	31850
Lower Quartile	0	0	0	0	0	0	0	0	24500	25300	24350	24900	25500	27000	28000	37000	30000	34100	25600
Lower Decile	0	0	0	0	0	0	0	0	23000	23500	20950	23400	22800	23000	25050	25400	25200	26700	23000
Mean	0	0	0	0	0	0	0	0	29050	29050	30900	34700	29950	33600	41450	54050	42100	42400	35700
Supporting Data																			
Total Number	1	3	2	4	6	7	8	7	10	25	22	21	18	20	16	14	16	57	257
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	1	3	0	1	1	0	0	1	2	16

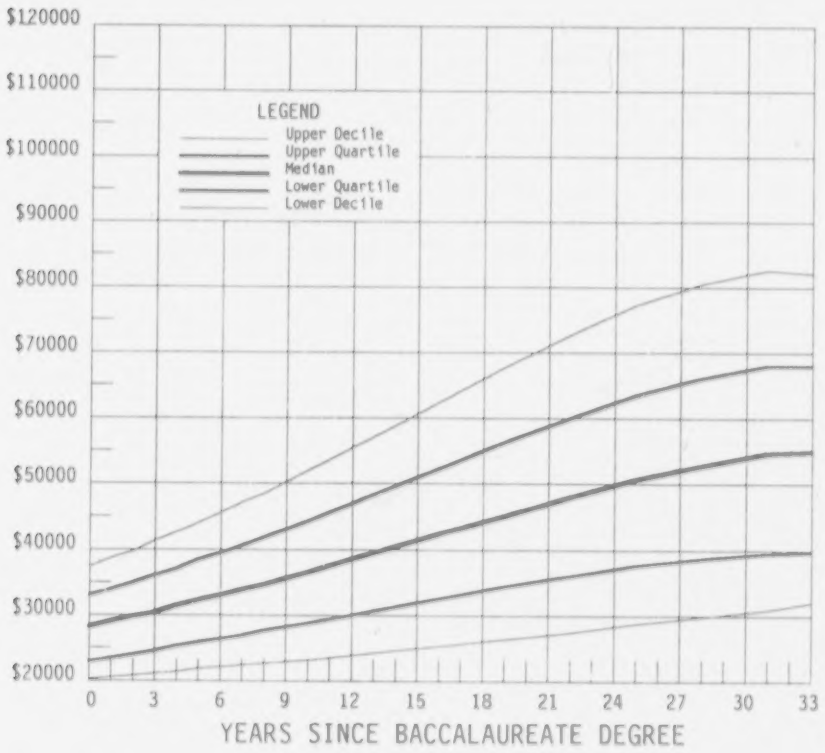
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS RESEARCHERS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, RESEARCHERS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	36950	38200	39500	40850	42250	43700	45200	46750	48350	51650	56900	62350	67850	73100	77750	81350	83600	81450	62800
Upper Quartile	32650	33700	34750	35800	36900	38050	39250	40450	41700	44250	48200	52300	56400	60250	63700	66450	68300	67800	49950
Median	27900	28700	29500	30300	31150	32000	32850	33750	34650	36550	39450	42400	45350	48150	50750	52900	54550	55600	39200
Lower Quartile	23000	23550	24100	24700	25300	25900	26500	27100	27700	28950	30850	32750	34550	36200	37700	38900	39750	40050	30450
Lower Decile	20250	20550	20850	21150	21450	21800	22100	22400	22700	23350	24350	25300	26300	27250	28200	29100	29950	31900	24050
Mean	28300	29100	29950	30800	31700	32550	33500	34400	35350	37300	40350	43400	46400	49250	51750	53800	55250	55350	41850
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	35800	0	36100	40700	40250	44700	46400	47150	48700	53500	55600	62600	65050	72150	79500	78800	86250	82100	62800
Upper Quartile	30500	0	32500	35250	35600	39300	40000	39400	43850	45600	47250	52400	56350	58350	66250	60500	67000	69500	49950
Median	24500	0	30200	30250	31000	35000	31450	31900	34500	36750	41000	45400	42950	45850	51250	47500	56500	57000	39200
Lower Quartile	22500	0	24750	24400	25150	28900	25200	25500	26100	28000	34000	35700	34100	36150	33500	34500	40050	41600	30450
Lower Decile	20200	0	19900	21100	20800	24300	21450	21050	20650	23150	27350	25650	25850	27800	30200	21700	29500	33800	24050
Mean	26700	0	28700	30300	30500	34950	33200	33850	35200	37650	41050	45200	44600	48200	52450	48600	56250	56600	41850
---------- Supporting Data ----------																			
Total Number	11	5	19	31	35	53	60	69	53	184	144	101	97	69	55	46	35	99	1166
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ess Than $22000	2	0	4	4	5	2	7	9	8	15	2	5	4	3	3	5	1	2	81

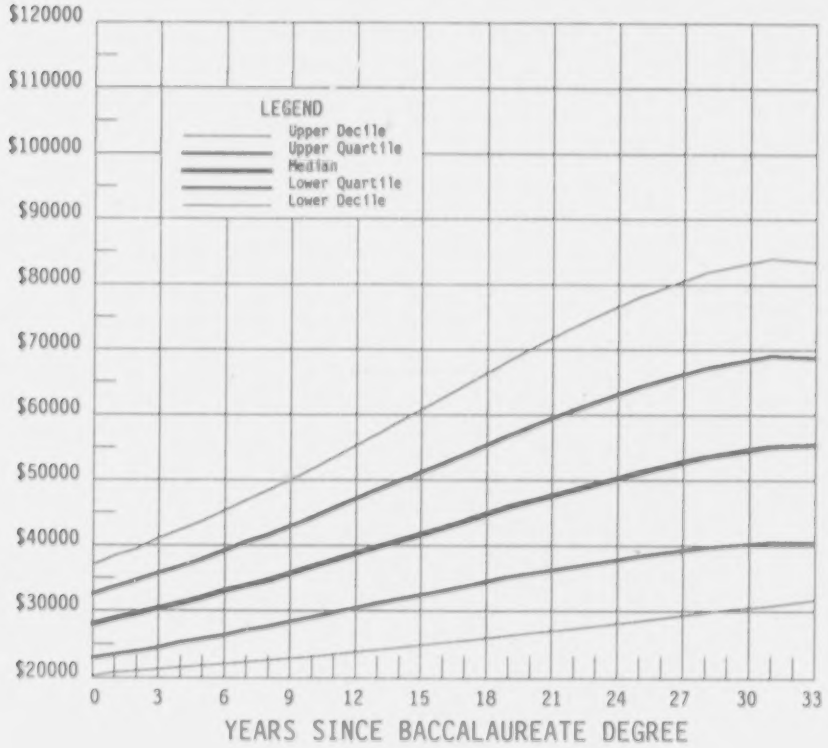
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS RESEARCHERS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, RESEARCHERS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	37300	38550	39850	41200	42600	44050	45550	47100	48650	51950	57150	62500	67850	72900	77300	80650	82650	80100	62900
Upper Quartile	33000	34000	35050	36100	37200	38300	39450	40650	41850	44350	48300	52300	56300	60050	63450	66200	68100	67950	50000
Median	28200	28950	29750	30500	31350	32150	33050	33900	34800	36600	39450	42300	45200	48000	50600	52800	54600	56250	39150
Lower Quartile	23000	23550	24100	24650	25250	25850	26400	27050	27650	28900	30750	32600	34400	36050	37500	38650	39500	39900	30500
Lower Decile	20300	20600	20850	21150	21450	21750	22050	22350	22700	23300	24300	25350	26450	27550	28700	29850	31050	34350	24100
Mean	28450	29250	30050	30900	31800	32650	33550	34500	35450	37400	40400	43400	46400	49250	51750	53800	55250	55500	41850
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	35800	0	36300	41300	40550	44800	46500	47600	49000	53850	56050	63000	65350	72250	79700	79200	75600	82100	62900
Upper Quartile	30500	0	33500	35750	35900	39500	40250	38900	44250	45750	47350	53200	55250	58650	66750	61000	64350	69850	50000
Median	24500	0	30250	30750	32200	35150	31450	31750	34000	36850	41100	45900	42650	45650	50900	48000	55500	57800	39150
Lower Quartile	22500	0	25250	24100	24850	29000	25000	25550	25800	28000	33900	35500	33700	36000	33300	35000	39300	41400	30500
Lower Decile	20200	0	20250	20900	20650	24200	21300	21300	20500	23300	27150	25400	25650	27600	30100	24700	29100	36200	24100
Mean	26700	0	29050	30400	30600	35050	33200	33850	34900	37850	41100	45550	44300	48200	52300	49900	54150	56950	41850
---------- Supporting Data ----------																			
Total Number	11	5	17	29	33	52	58	66	50	172	139	95	93	68	53	44	31	93	1109
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	0	3	4	5	2	7	8	8	14	2	5	4	3	3	3	1	2	76

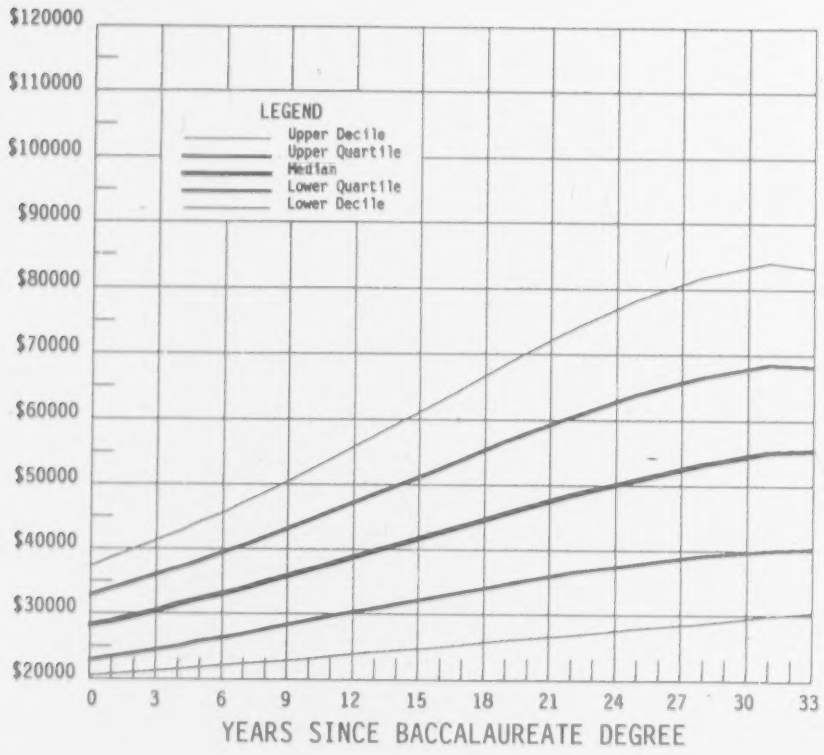
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS, 12 MONTH CONTRACTS RESEARCHERS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, 12 MONTH CONTRACTS, RESEARCHERS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37000	38300	39600	40950	42350	43850	45350	46900	48500	51850	57150	62700	68250	73550	78200	81800	83950	81600	63000
Upper Quartile	32500	33550	34600	35700	36850	38000	39200	40450	41700	44350	48450	52650	56900	60850	64400	67200	69050	68200	50400
Median	27950	28750	29550	30400	31250	32100	33000	33900	34800	36700	39700	42700	45750	48650	51250	53500	55200	56250	39500
Lower Quartile	22900	23450	24050	24650	25250	25900	26500	27150	27800	29150	31150	33150	35100	36850	38450	39700	40600	40750	30450
Lower Decile	20400	20700	20950	21250	21500	21800	22100	22400	22700	23300	24300	25300	26350	27450	28550	29750	30950	34400	24050
Mean	28200	29050	29900	30750	31650	32600	33500	34500	35450	37450	40600	43800	46900	49900	52500	54650	56100	56050	42050
Raw (Unsmoothed) Statistics																			
Upper Decile	35800	0	36100	40700	40550	45000	46500	47900	48650	53750	55300	62800	65700	72800	79900	79800	87000	82000	63000
Upper Quartile	30500	0	32500	35250	35900	39100	39900	39200	43850	45900	47200	52750	56800	58650	67250	61750	68000	69650	50400
Median	24500	0	30200	30250	32200	35000	31150	32000	34850	36900	41100	45700	43250	46350	52100	48500	56000	57600	39500
Lower Quartile	22500	0	24750	24400	26100	29000	25000	25450	26100	27950	34250	36750	33600	36650	36750	34900	39500	42150	30450
Lower Decile	20200	0	19900	21100	20650	25000	21300	21200	20450	23150	27500	25500	25450	26800	30050	24550	29200	36250	24050
Mean	26700	0	28700	30300	30850	35100	32950	33950	35300	37800	41100	45650	44850	48700	53650	50500	55950	57150	42050
Supporting Data																			
Total Number	11	5	19	31	33	50	58	64	49	175	137	98	89	64	51	41	32	94	1101
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	0	4	4	5	1	7	8	8	14	2	5	4	3	3	3	1	2	76

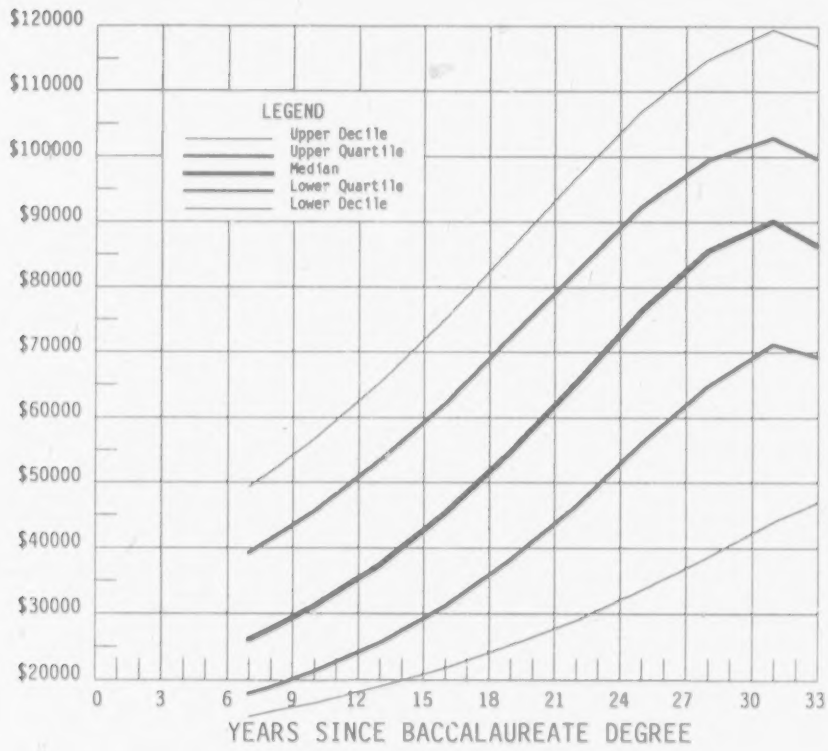
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS, 12 MONTH RESEARCHERS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, 12 MONTH, RESEARCHERS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37300	38550	39900	41250	42700	44150	45700	47250	48850	52200	57500	63050	68550	73800	78350	81850	83900	81200	63050
Upper Quartile	32800	33850	34900	36000	37100	38250	39450	40650	41900	44500	48500	52650	56700	60600	64000	66750	68500	67750	50400
Median	28150	28900	29700	30500	31350	32200	33050	33950	34850	36750	39650	42600	45600	48450	51050	53350	55100	56500	39400
Lower Quartile	22850	23400	24000	24550	25150	25750	26400	27000	27650	28950	30900	32850	34700	36450	38000	39250	40100	40400	30400
Lower Decile	20500	20800	21050	21300	21600	21900	22150	22450	22750	23300	24200	25150	26050	27000	27950	28900	29850	32250	24000
Mean	28400	29200	30050	30900	31800	32700	33600	34550	35550	37500	40600	43700	46750	49650	52200	54300	55700	55700	42000
Raw (Unsmoothed) Statistics																			
Upper Decile	35800	0	36300	41300	40850	45100	46650	48350	49100	54100	55800	63150	66000	72950	80500	79800	85500	81850	63050
Upper Quartile	30500	0	33500	35750	36150	39300	40250	38550	44250	46000	47250	53550	56400	59000	67750	61750	62350	69850	50400
Median	24500	0	30250	30750	32600	35150	31150	31850	34400	36900	41200	46100	42950	46150	51900	48500	54500	58200	39400
Lower Quartile	22500	0	25250	24100	25500	29100	24800	25500	25750	27700	34200	36100	33100	36500	36250	34900	38950	41750	30400
Lower Decile	20200	0	20250	20900	20500	24900	21200	21500	20300	23350	27300	25300	25250	26600	27800	24550	28900	33800	24000
Mean	26700	0	29050	30400	30950	35200	33000	33950	35000	37950	41150	45900	44500	48650	53500	50500	53350	57150	42000
Supporting Data																			
Total Number	11	5	17	29	31	49	56	61	46	164	132	93	85	63	49	41	29	89	1050
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	0	3	4	5	1	7	7	8	13	2	5	4	3	3	3	1	2	73

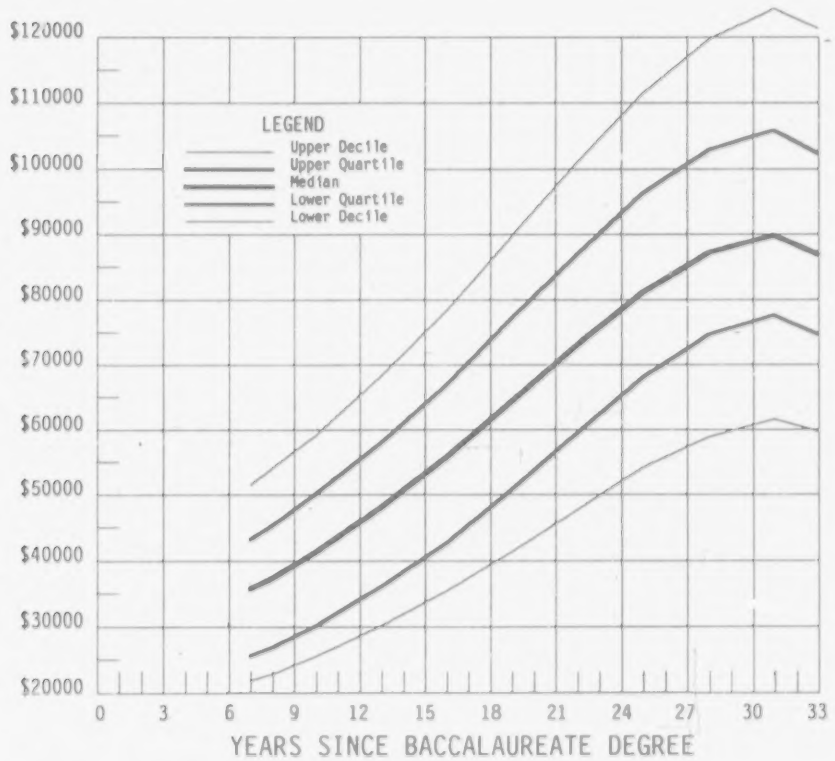
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS ADMINISTRATORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, ADMINISTRATORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	49400	51750	56800	65400	75150	85750	96700	106900	115000	119450	109600	105900
Upper Quartile	0	0	0	0	0	0	0	39250	41250	45700	53350	62250	72150	82500	92200	99600	103050	90150	89350
Median	0	0	0	0	0	0	0	26150	27700	31200	37450	45250	54650	65350	76300	85500	90200	74950	73700
Lower Quartile	0	0	0	0	0	0	0	17800	18850	21250	25650	31200	38150	46500	55900	64900	71250	63250	53900
Lower Decile	0	0	0	0	0	0	0	14500	15150	16550	18950	21800	25200	29150	33700	38750	44100	55150	21900
Mean	0	0	0	0	0	0	0	29100	30700	34150	40250	47550	56000	65300	74600	82500	87150	77950	71000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	55700	0	48500	61450	80500	92000	99600	105000	113200	114400	110900	105900
Upper Quartile	0	0	0	0	0	0	0	39900	0	41000	49250	68000	79000	87200	90000	96450	96350	91950	89350
Median	0	0	0	0	0	0	0	31000	0	26000	31000	53000	60800	72400	76400	81000	79650	77200	73700
Lower Quartile	0	0	0	0	0	0	0	24750	0	20500	20400	34000	34000	48900	66400	63450	67850	62900	53900
Lower Decile	0	0	0	0	0	0	0	22200	0	19000	18950	19900	19900	20450	57600	40100	49700	50900	21900
Mean	0	0	0	0	0	0	0	34700	0	30300	35050	51000	58300	68400	77750	79200	81900	79000	71000
Supporting Data																			
Total Number	0	1	6	2	3	3	6	11	4	20	29	48	80	73	132	144	135	259	956
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	4	5	9	23
Less Than $22000	0	0	0	0	0	0	0	1	0	8	12	10	17	12	4	13	3	5	98

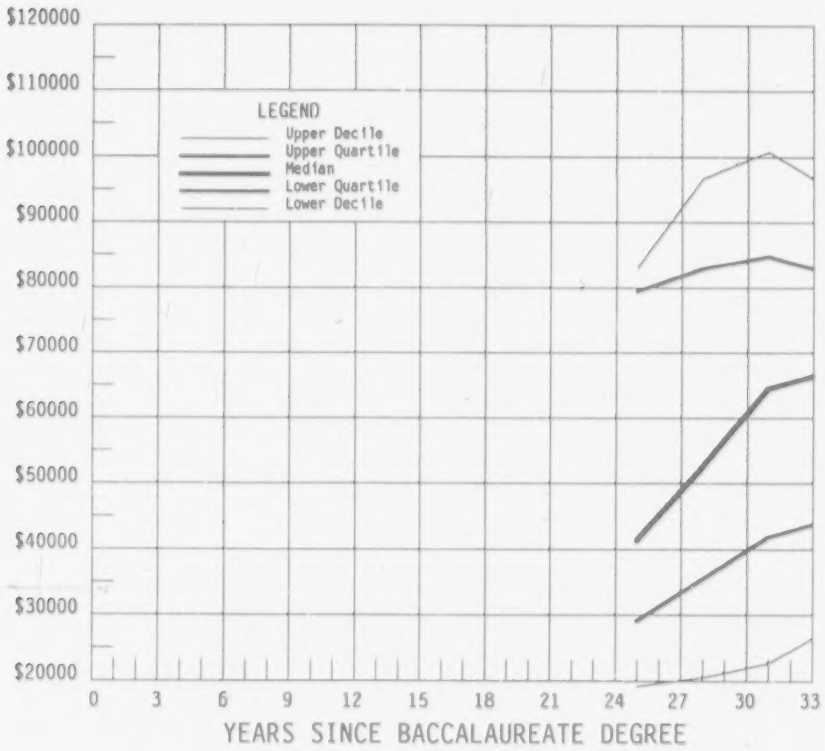
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS ADMINISTRATORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, ADMINISTRATORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	51550	54000	59300	68300	78500	89600	101000	111550	119750	124150	113100	111900
Upper Quartile	0	0	0	0	0	0	0	43200	45350	50000	56000	67050	76950	87050	96200	102900	105750	92750	93750
Median	0	0	0	0	0	0	0	35600	37400	41350	48100	55850	64350	73150	81150	87150	89800	78550	77800
Lower Quartile	0	0	0	0	0	0	0	25550	27000	30200	35900	42750	50750	59500	67950	74650	77650	65200	61950
Lower Decile	0	0	0	0	0	0	0	21850	23000	25600	30050	35350	41350	47800	54050	59050	61600	54050	41600
Mean	0	0	0	0	0	0	0	35750	37550	41550	48450	56400	65200	74350	82800	89250	92200	[illegible]0	78150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	56000	0	49700	63050	83750	94700	109500	110700	116500	117900	114600	111900
Upper Quartile	0	0	0	0	0	0	0	40250	0	47000	55600	71000	84800	93250	94450	98950	99200	94500	93750
Median	0	0	0	0	0	0	0	36000	0	36000	45500	59350	69000	78350	81500	86250	81250	80150	77800
Lower Quartile	0	0	0	0	0	0	0	25500	0	30000	34850	42100	49550	66750	72000	72250	71800	66100	61950
Lower Decile	0	0	0	0	0	0	0	24000	0	24200	27400	35500	39950	48650	62000	56400	57700	54500	41600
Mean	0	0	0	0	0	0	0	36150	0	36600	45650	59200	70600	80250	82750	86250	85800	82250	78150
Supporting Data																			
Total Number	0	1	3	1	1	1	3	10	3	12	17	35	53	51	100	115	107	215	728
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	4	5	9	23
Less Than $22000	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	3

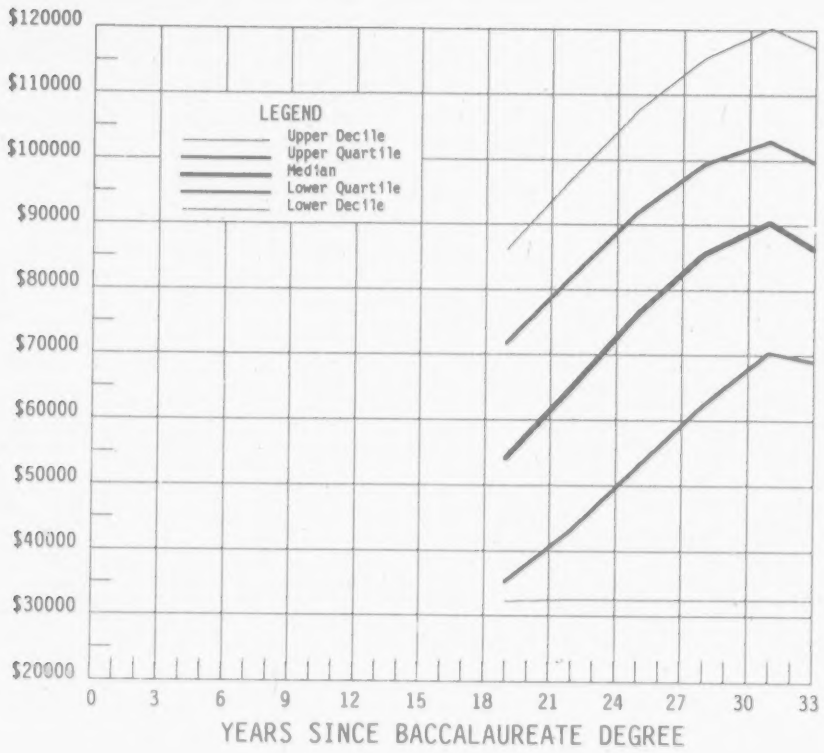
SALARY CURVES FOR ENGINEERS IN NON PHD-GRANTING SCHOOLS ADMINISTRATORS



1990 ENGINEERING SALARY STATISTICS: NON PHD-GRANTING SCHOOLS, ADMINISTRATORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82900	96850	100850	96850	81600
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79350	83050	85000	83050	71000
Median	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41200	52500	64650	71600	54200
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29100	35500	41800	49950	20400
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19300	20600	22650	38100	18950
Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52050	62500	70450	61200	48250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81350	87750	90500	86500	81600
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72000	78750	83750	75200	71000
Median	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67200	62000	76000	64000	54200
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60800	20250	53000	55000	20400
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21200	18900	21750	39200	18950
Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62000	51400	66950	63150	48250
Supporting Data																			
Total Number	0	0	3	1	2	2	3	1	1	8	12	13	27	22	32	29	28	44	228
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	12	10	17	12	4	13	3	4	95

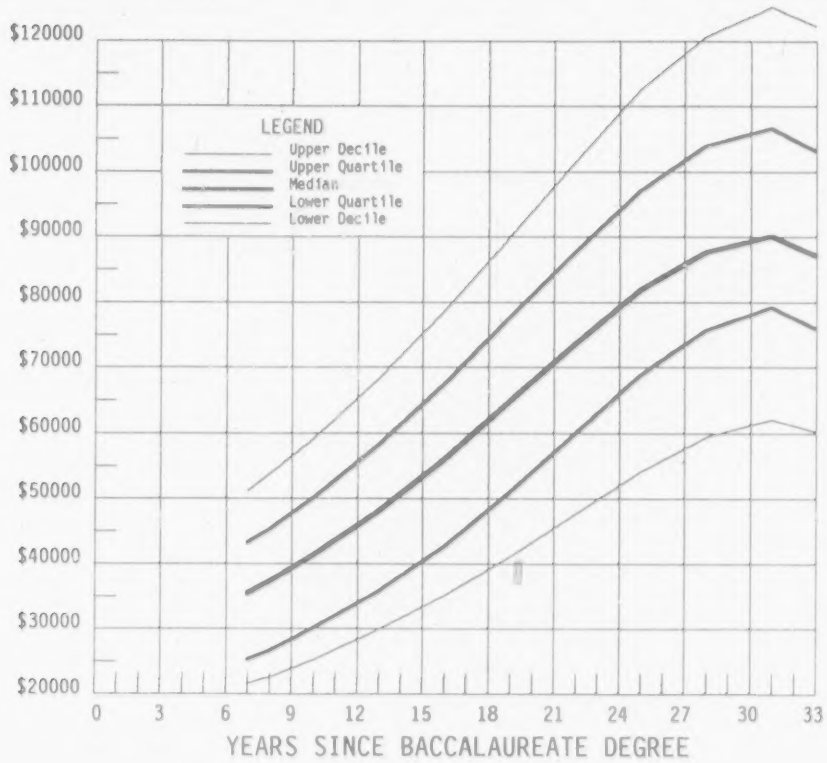
SALARY CURVES FOR ENGINEERS IN ENGINEERING SCHOOLS, 12 MONTH CONTRACTS ADMINISTRATORS



1990 ENGINEERING SALARY STATISTICS: ENGINEERING SCHOOLS, 12 MONTH CONTRACTS, ADMINISTRATORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	86150	97300	107650	115800	120150	109400	106050
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	71700	82150	91950	99450	103050	90250	88800
Median	0	0	0	0	0	0	0	0	0	0	0	0	54200	65050	76300	85700	90500	74600	73650
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	35200	43300	52750	62500	70300	65450	52100
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	32300	32600	32650	32650	32650	32650	21450
Mean	0	0	0	0	0	0	0	0	0	0	0	0	55500	64800	74150	82150	87000	78100	70300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	91500	102500	104800	113900	114600	110850	106050
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	79250	84400	89850	96650	96950	91900	88800
Median	0	0	0	0	0	0	0	0	0	0	0	0	62000	71600	76600	80600	80550	76650	73650
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	32750	47400	66750	62400	70200	63400	52100
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	19750	20150	56950	21700	52700	51700	21450
Mean	0	0	0	0	0	0	0	0	0	0	0	0	58250	67450	77550	78700	82550	78950	70300
Supporting Data																			
Total Number	0	1	6	2	3	3	6	11	4	20	29	38	75	65	117	120	119	227	846
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	4	4	8	21
Less Than $22000	0	0	0	0	0	0	0	1	0	8	12	10	17	12	4	13	3	5	98

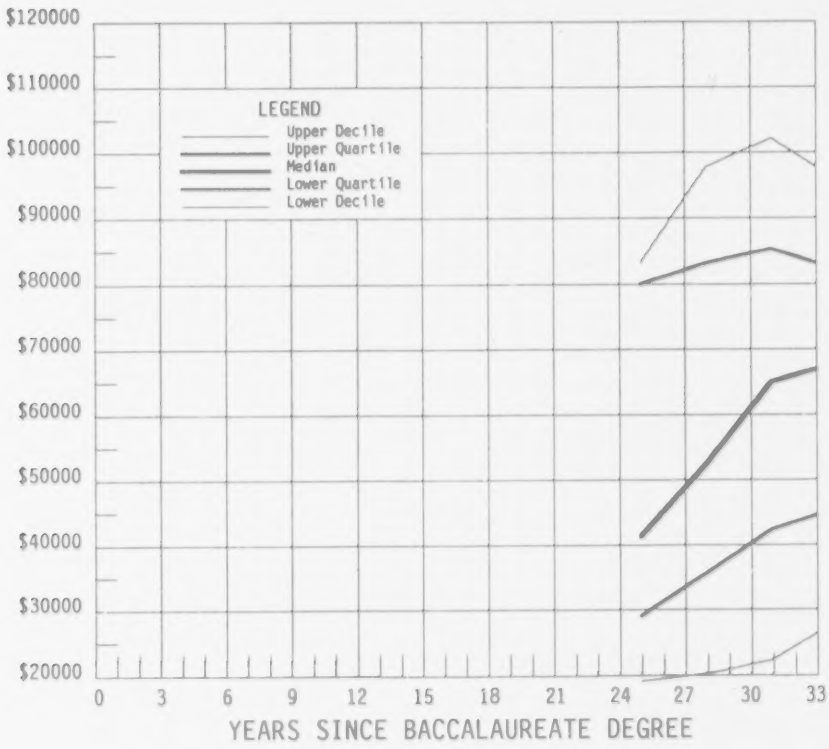
SALARY CURVES FOR ENGINEERS IN PHD-GRANTING SCHOOLS, 12 MONTH ADMINISTRATORS



1990 ENGINEERING SALARY STATISTICS: PHD-GRANTING SCHOOLS, 12 MONTH, ADMINISTRATORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	51250	53750	59150	68250	78650	90000	101700	112500	120900	125300	113350	112600
Upper Quartile	0	0	0	0	0	0	0	43100	45300	50050	58150	67400	77550	87850	97200	104000	106750	92800	94050
Median	0	0	0	0	0	0	0	35450	37300	41250	48100	56000	64700	73650	81800	87800	90200	77950	77850
Lower Quartile	0	0	0	0	0	0	0	25350	26800	30050	35800	42800	50950	59950	68800	75850	79100	66250	62000
Lower Decile	0	0	0	0	0	0	0	21600	22800	25350	29800	35100	41150	47750	54150	59350	62100	54700	39800
Mean	0	0	0	0	0	0	0	35450	37300	41350	48300	56350	65350	74750	83500	90100	93100	81100	78150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	56000	0	49700	63050	86250	94100	113000	111050	117800	118050	115000	112600
Upper Quartile	0	0	0	0	0	0	0	40250	0	47000	55600	75000	84800	95000	94550	99550	99900	94700	94050
Median	0	0	0	0	0	0	0	36000	0	36000	45500	61000	71000	77350	81250	86650	82250	79550	77850
Lower Quartile	0	0	0	0	0	0	0	25500	0	30000	34850	38750	53750	66000	72250	73000	73000	67200	62000
Lower Decile	0	0	0	0	0	0	0	24000	0	24200	27400	34500	39350	49100	62250	56900	58300	55050	39800
Mean	0	0	0	0	0	0	0	36150	0	36600	45650	59900	71250	80350	82900	87150	86600	82600	78150
Supporting Data																			
Total Number	0	1	3	1	1	1	3	10	3	12	17	25	49	44	87	92	93	184	626
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	4	4	8	21
Less Than $22000	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	3

SALARY CURVES FOR ENGINEERS IN NON PHD-GRANTING SCHOOLS, 12 MONTH ADMINISTRATORS

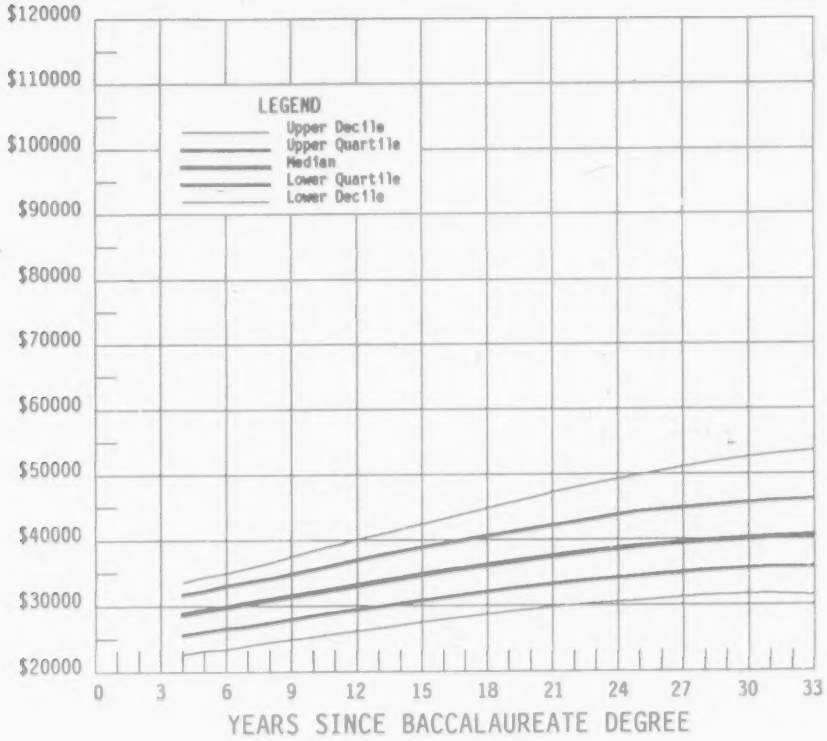


1990 ENGINEERING SALARY STATISTICS: NON PHD-GRANTING SCHOOLS, 12 MONTH, ADMINISTRATORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83200	97950	102050	97950	82000
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80000	83300	85500	83300	71500
Median	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41250	52650	64950	72450	54000
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29100	35700	42300	50950	20300
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19200	20400	22450	37750	18950
Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51750	62250	70300	61650	47950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81650	88000	91000	86750	82000
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72650	79000	84400	75400	71500
Median	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68000	64000	77000	64500	54000
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60500	20150	58000	55600	20300
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21000	18850	21450	38900	18950
Mean	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61850	51000	68150	63350	47950
Supporting Data																			
Total Number	0	0	3	1	2	2	3	1	1	8	12	13	26	21	30	28	26	43	220
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	12	10	17	12	4	13	3	4	95

ENGINEERING TECHNOLOGY SCHOOLS, BY LENGTH OF CONTRACTS

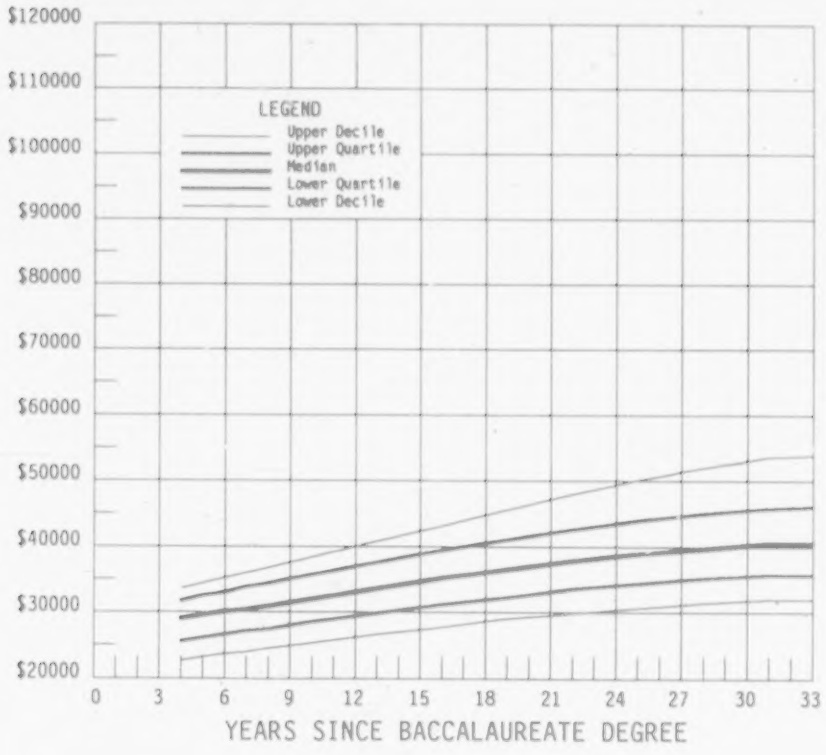
SALARY CURVES FOR ENGINEERS IN TECHNOLOGY SCHOOLS PROFESSORS AND INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: TECHNOLOGY SCHOOLS, PROFESSORS AND INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	33500	34300	35050	35850	36650	38300	40750	43250	45650	47950	50000	51800	53150	54500	48850
Upper Quartile	0	0	0	0	31650	32300	32950	33600	34250	35550	37500	39350	41150	42750	44150	45200	46000	46150	43000
Median	0	0	0	0	28850	29350	29900	30450	30950	32000	33600	35100	36500	37750	38850	39750	40350	40650	37100
Lower Quartile	0	0	0	0	25650	26100	26600	27050	27550	28450	29850	31200	32450	33500	34450	35150	35600	35600	32350
Lower Decile	0	0	0	0	22700	23150	23600	24050	24500	25350	26650	27900	29000	30000	30750	31350	31700	31300	28350
Mean	0	0	0	0	28450	29050	29650	30250	30850	32050	33850	35550	37200	38700	40000	41000	41750	41900	38350
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	33250	34900	35000	37200	37550	37900	40950	40450	46500	50900	47450	53300	51700	54600	48850
Upper Quartile	0	0	0	0	32150	32500	32250	34500	35750	36300	38650	37450	41400	44250	43150	47250	44500	46150	43000
Median	0	0	0	0	29000	30350	30600	31350	31800	32200	33000	34350	35100	38800	38100	42100	40200	40300	37100
Lower Quartile	0	0	0	0	26750	28500	27150	27000	30100	27950	28500	30500	31300	34650	34350	37100	35350	35250	32350
Lower Decile	0	0	0	0	24200	24200	25000	24400	23700	26100	24900	27700	28900	29950	30200	33600	31750	30950	28350
Mean	0	0	0	0	29000	29800	30050	31050	31850	32350	32900	34450	36550	39950	39050	43100	41400	41650	38350
---------- Supporting Data ----------																			
Total Number	1	0	2	5	11	11	15	14	17	43	72	81	102	128	97	108	103	213	1023
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	1	0	0	0	0	3	0	0	0	1	2	0	0	9

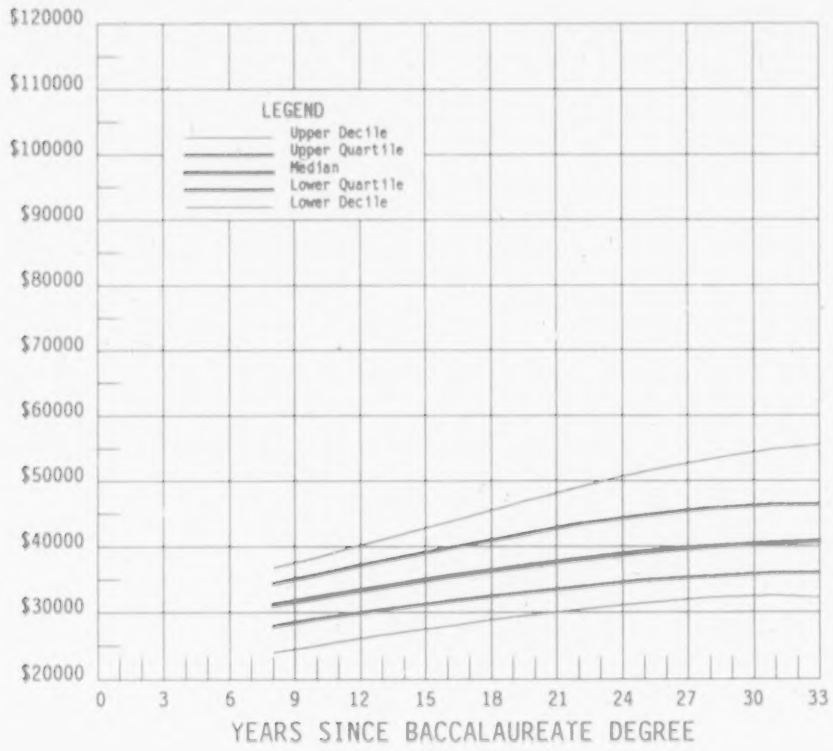
SALARY CURVES FOR ENGINEERS IN TECHNOLOGY SCHOOLS, 9 MONTH CONTRACTS PROFESSORS AND INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: TECHNOLOGY SCHOOLS, 9 MONTH CONTRACTS, PROFESSORS AND INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	33550	34300	35100	35900	36700	38300	40750	43250	45700	48000	50150	52000	53500	55250	49100
Upper Quartile	0	0	0	0	31850	32500	33100	33750	34400	35650	37550	39400	41150	42700	44100	45200	45950	46?50	43000
Median	0	0	0	0	28950	29500	30000	30500	31050	32100	33650	35100	36500	37800	38900	39800	40500	40950	37150
Lower Quartile	0	0	0	0	25700	26150	26600	27100	27550	28500	29850	31200	32400	33500	34450	35200	35700	35850	32450
Lower Decile	0	0	u	0	22800	23200	23650	24100	24500	25350	26650	27850	28950	29950	30800	31450	31900	31800	28350
Mean	0	0	0	0	28550	29100	29700	30300	30900	32100	33850	35600	37250	38750	40050	41100	41900	42250	38450
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	33250	34900	35200	37200	37550	37900	41000	40250	46600	51050	46950	54050	52100	55350	49100
Upper Quartile	0	0	0	0	32150	32500	32500	34500	35750	36300	37000	37400	41600	44150	42600	47350	44500	46350	43000
Median	0	0	0	0	29000	30350	30500	31350	31800	32200	33250	34400	35150	38800	38100	42150	40050	40700	37150
Lower Quartile	0	0	0	0	26750	28500	27000	27000	30100	27950	28600	30600	31200	34600	34400	37200	35350	35500	32450
Lower Decile	0	0	0	0	24200	24200	24800	24400	23700	26100	25000	27800	28850	29900	30350	33450	31950	31500	28350
Mean	0	0	0	0	29000	29800	30000	31050	31850	32350	33050	34450	36600	39950	39050	43200	41450	42000	38450
---------- Supporting Data ----------																			
Total Number	0	0	2	5	11	11	14	14	17	43	70	75	99	126	91	103	99	201	981
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	1	0	0	0	0	3	0	0	0	1	2	0	0	9

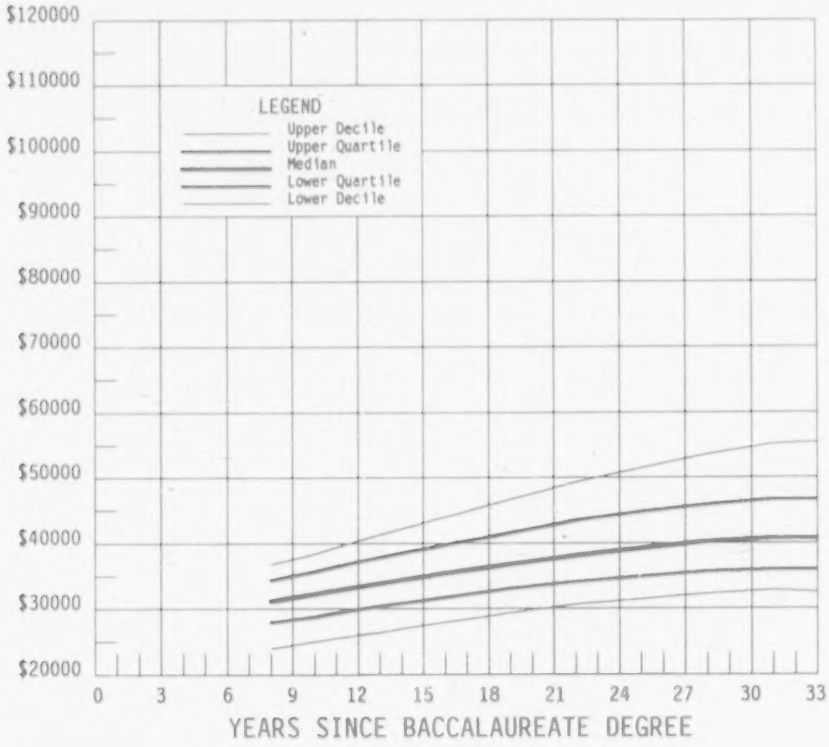
SALARY CURVES FOR ENGINEERS IN TECHNOLOGY SCHOOLS
ALL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: TECHNOLOGY SCHOOLS, ALL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	36800	38500	41150	43850	46500	49000	51350	53350	54950	56600	49650
Upper Quartile	0	0	0	0	0	0	0	0	34450	35800	37850	39850	41700	43350	44750	45800	46500	46350	43600
Median	0	0	0	0	0	0	0	0	31150	32250	33850	35350	36800	38100	39200	40050	40650	40900	37500
Lower Quartile	0	0	0	0	0	0	0	0	28000	28950	30350	31650	32850	33950	34850	35500	35950	35800	33100
Lower Decile	0	0	0	0	0	0	0	0	24000	25000	26550	28000	29350	30500	31500	32150	32550	31900	29350
Mean	0	0	0	0	0	0	0	0	30800	32100	34000	35850	37600	39200	40550	41650	42350	42400	39050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	37600	38300	42600	40250	46650	52100	50600	54800	51400	57100	49650
Upper Quartile	0	0	0	0	0	0	0	0	34000	36700	38200	37550	41700	45100	44150	47000	44600	46550	43600
Median	0	0	0	0	0	0	0	0	31500	33000	34000	34800	35250	39050	38400	42250	39900	40750	37500
Lower Quartile	0	0	0	0	0	0	0	0	30000	30050	29550	31050	31400	34800	34550	37450	35450	35600	33100
Lower Decile	0	0	0	0	0	0	0	0	23200	26550	25600	28350	28900	30150	30950	34200	32150	31750	29350
Mean	0	0	0	0	0	0	0	0	31200	32950	33850	34750	36700	40500	39750	43550	41100	42400	39050
Supporting Data																			
Total Number	0	0	1	3	5	7	8	9	12	37	54	63	87	112	78	88	86	171	821
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	4

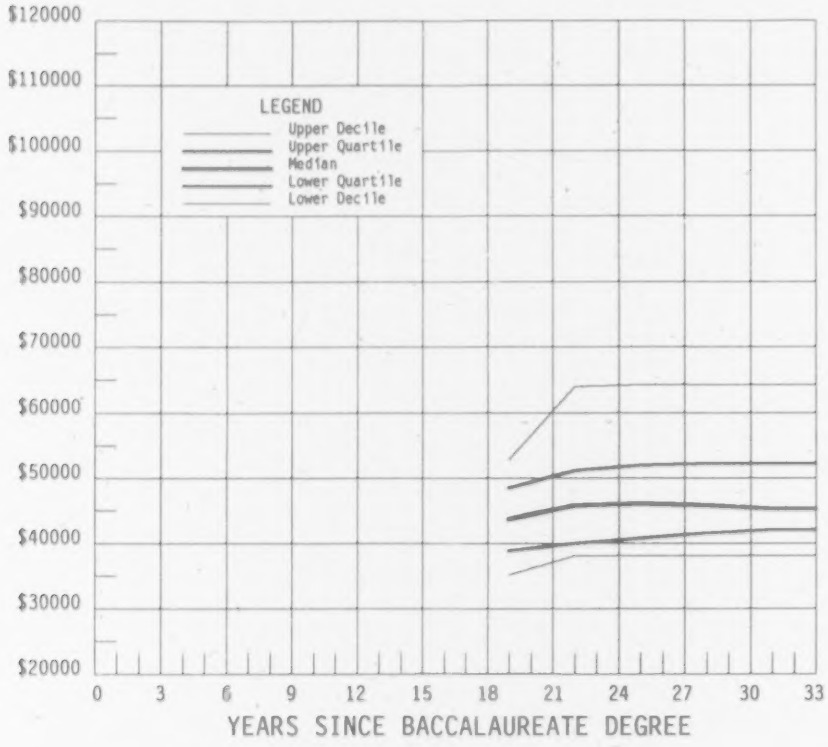
SALARY CURVES FOR ENGINEERS IN TECHNOLOGY SCHOOLS, 9 MONTH CONTRACTS ALL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: TECHNOLOGY SCHOOLS, 9 MONTH CONTRACTS, ALL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	36700	38500	41200	43950	46650	49250	51600	53600	55200	56700	49750
Upper Quartile	0	0	0	0	0	0	0	0	34450	35850	37900	39850	41700	43400	44800	45900	46600	46400	43650
Median	0	0	0	0	0	0	0	0	31200	32300	33900	35400	36850	38150	39250	40150	40750	41000	37550
Lower Quartile	0	0	0	0	0	0	0	0	27950	28900	30350	31700	32950	34050	34950	35650	36050	35900	33200
Lower Decile	0	0	0	0	0	0	0	0	23900	24950	26500	28000	29400	30600	31600	32350	32750	32100	29450
Mean	0	0	0	0	0	0	0	0	30800	32100	34050	35900	37700	39300	40650	41750	42500	42500	39100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	37600	38300	42600	40300	46700	52100	51500	54950	51500	57200	49750
Upper Quartile	0	0	0	0	0	0	0	0	34000	36700	38200	37600	41750	45100	44100	47100	44700	46600	43650
Median	0	0	0	0	0	0	0	0	31500	33000	34000	35000	35350	39050	38450	42300	39950	40900	37550
Lower Quartile	0	0	0	0	0	0	0	0	30000	30050	29550	31200	31350	34800	34850	37650	35600	35650	33200
Lower Decile	0	0	0	0	0	0	0	0	23200	26550	25600	28350	28850	30150	31400	34200	32450	31950	29450
Mean	0	0	0	0	0	0	0	0	31200	32950	33850	34900	36750	40500	39950	43650	41250	42500	39100
Supporting Data																			
Total Number	0	0	1	3	5	7	8	9	12	37	54	61	86	112	75	87	85	169	811
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	4

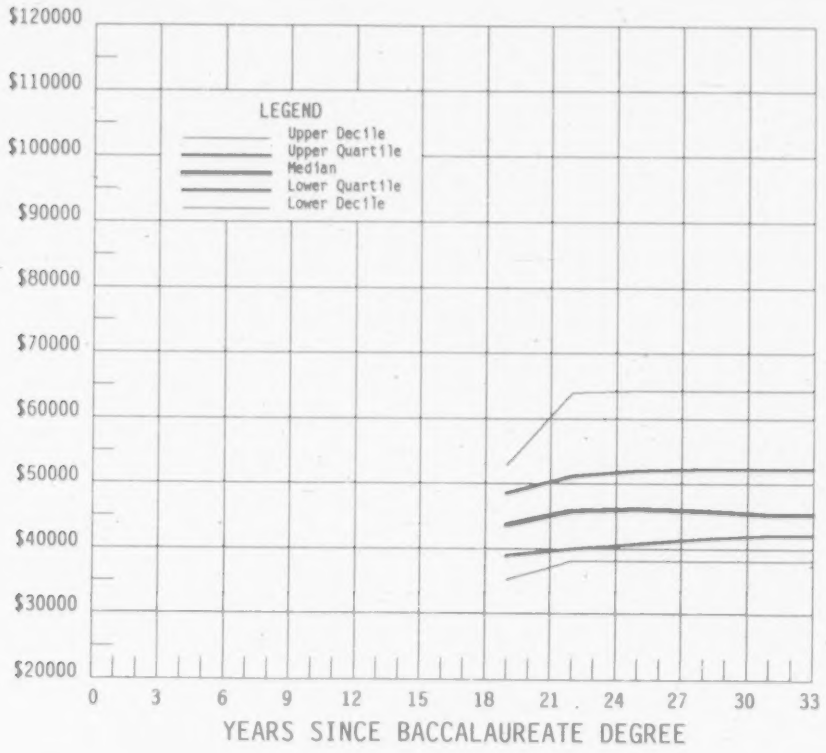
SALARY CURVES FOR ENGINEERS IN TECHNOLOGY SCHOOLS
FULL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: TECHNOLOGY SCHOOLS, FULL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	52700	64050	64200	64200	64150	64150	62750
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	48500	51250	52100	52200	52200	52200	50900
Median	0	0	0	0	0	0	0	0	0	0	0	0	43650	45950	46150	45800	45450	45200	45100
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	38900	39950	40850	41550	42050	42200	40400
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	35200	38050	38100	38050	38050	38050	36300
Mean	0	0	0	0	0	0	0	0	0	0	0	0	44100	47600	48000	48050	48050	48050	46900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	52700	64500	58400	68100	59600	66400	62750
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	48500	51700	47000	52250	51100	54500	50900
Median	0	0	0	0	0	0	0	0	0	0	0	0	43250	47200	44000	46550	43850	45850	45100
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	38500	40900	38600	43250	41100	42250	40400
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	35200	38250	35400	39750	37150	38500	36300
Mean	0	0	0	0	0	0	0	0	0	0	0	0	44100	47800	45150	49250	46750	48900	46900
Supporting Data																			
Total Number	0	0	1	0	1	0	0	0	0	1	6	5	22	35	24	39	33	72	239
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

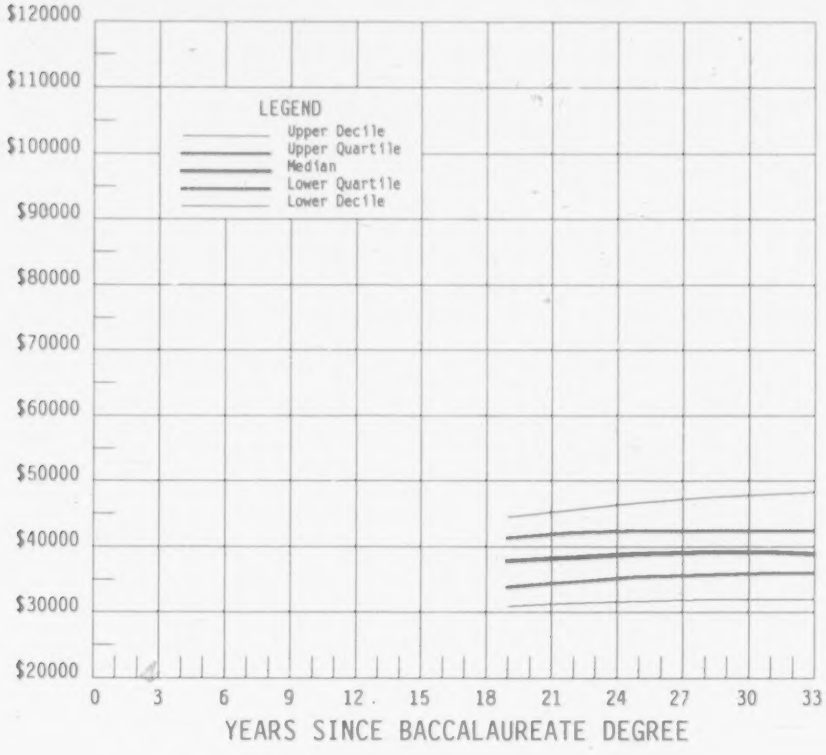
SALARY CURVES FOR ENGINEERS IN TECHNOLOGY SCHOOLS, 9 MONTH CONTRACTS FULL PROFESSORS



1990 ENGINEERING SALARY STATISTICS: TECHNOLOGY SCHOOLS, 9 MONTH CONTRACTS, FULL PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	52700	64050	64200	64200	64150	64150	62750
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	48500	51250	52100	52200	52200	52200	50900
Median	0	0	0	0	0	0	0	0	0	0	0	0	43650	45950	46150	45800	45450	45200	45100
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	38900	39950	40850	41550	42050	42200	40400
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	35200	38050	38100	38050	38050	38050	36300
Mean	0	0	0	0	0	0	0	0	0	0	0	0	44100	47600	48000	48050	48050	48050	46900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	52700	64500	58400	68100	59600	66400	62750
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	48500	51700	47000	52250	51100	54500	50900
Median	0	0	0	0	0	0	0	0	0	0	0	0	43250	47200	44000	46550	43850	45850	45100
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	38500	40900	38600	43250	41100	42250	40400
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	35200	38250	35400	39750	37150	38500	36300
Mean	0	0	0	0	0	0	0	0	0	0	0	0	44100	47800	45150	49250	46750	48900	46900
Supporting Data																			
Total Number	0	0	1	0	1	0	0	0	0	1	6	5	22	35	24	39	33	72	239
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

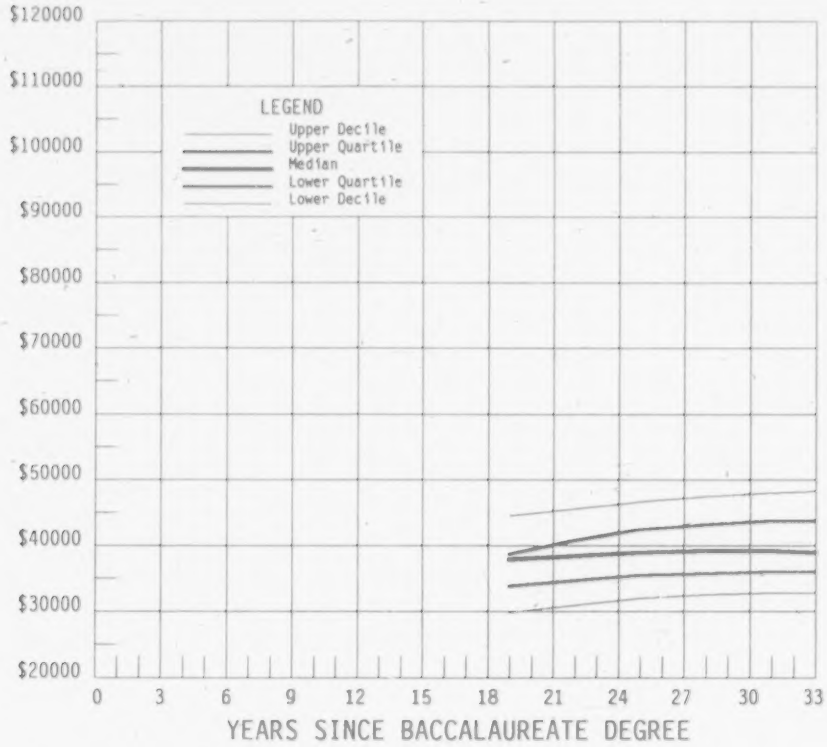
SALARY CURVES FOR ENGINEERS IN TECHNOLOGY SCHOOLS
ASSOCIATE PROFESSORS



1990 ENGINEERING SALARY STATISTICS: TECHNOLOGY SCHOOLS, ASSOCIATE PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	44500	45600	46550	47350	48050	49000	46350
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	41200	42150	42300	42300	42300	42300	41900
Median	0	0	0	0	0	0	0	0	0	0	0	0	37750	38400	38850	39100	39100	38150	38000
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	33800	34700	35350	35850	36100	35550	34700
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	30950	31350	31650	31900	32100	32150	30800
Mean	0	0	0	0	0	0	0	0	0	0	0	0	37800	38450	39000	39400	39750	40000	38650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	43400	45700	50300	47500	45650	49200	46350
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	37850	41000	42750	43200	42000	44100	41900
Median	0	0	0	0	0	0	0	0	0	0	0	0	35500	38400	39150	40350	39350	37900	38000
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	31000	35600	36100	36400	36000	35400	34700
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	29050	32100	32600	33500	29800	32300	30800
Mean	0	0	0	0	0	0	0	0	0	0	0	0	35600	38850	40200	40250	38850	39950	38650
Supporting Data																			
Total Number	0	0	0	0	1	1	1	1	2	7	12	23	26	52	29	35	28	63	281
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

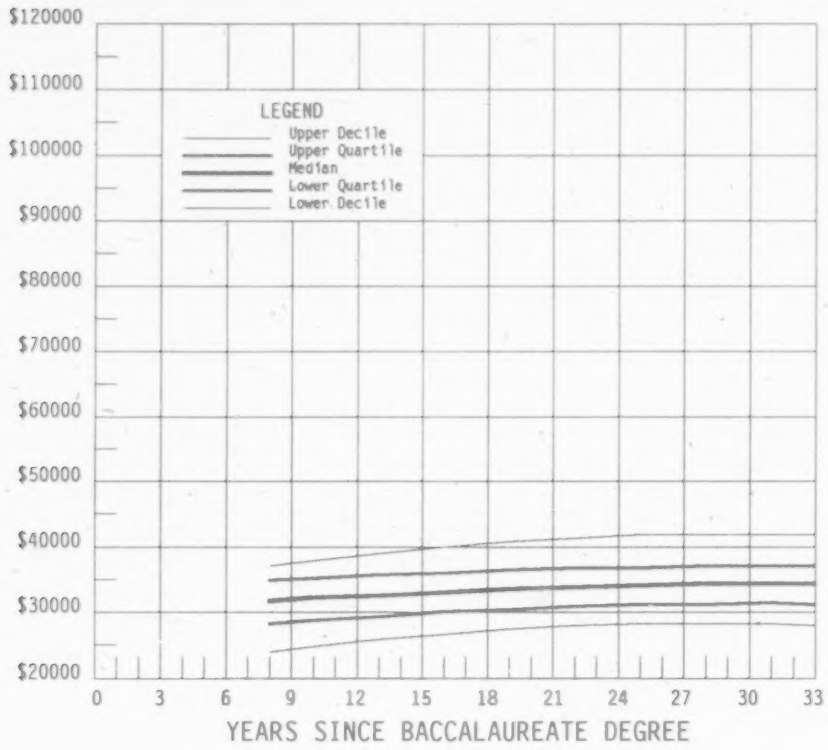
SALARY CURVES FOR ENGINEERS IN TECHNOLOGY SCHOOLS, 9 MONTH CONTRACTS ASSOCIATE PROFESSORS



1990 ENGINEERING SALARY STATISTICS: TECHNOLOGY SCHOOLS, 9 MONTH CONTRACTS, ASSOCIATE PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	44500	45600	46550	47400	48100	49150	46400
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	38650	40700	42300	43250	43650	43800	41950
Median	0	0	0	0	0	0	0	0	0	0	0	0	37750	38400	38850	39100	39150	38400	38000
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	33800	34700	35350	35850	36100	35650	34750
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	29800	31050	32000	32550	32750	32850	30900
Mean	0	0	0	0	0	0	0	0	0	0	0	0	37800	38400	39000	39450	39800	40200	38700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	0	43400	45700	50300	47500	45650	49350	46400
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	0	37850	41000	42750	43200	42000	44400	41950
Median	0	0	0	0	0	0	0	0	0	0	0	0	35500	38400	39150	40350	39350	38150	38000
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	0	31000	35600	36100	36400	36000	35500	34750
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	0	29050	32100	32600	33500	29800	33100	30900
Mean	0	0	0	0	0	0	0	0	0	0	0	0	35600	38850	40200	40250	38850	40150	38700
Supporting Data																			
Total Number	0	0	0	0	1	1	1	1	2	7	12	23	26	52	29	35	28	61	279
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

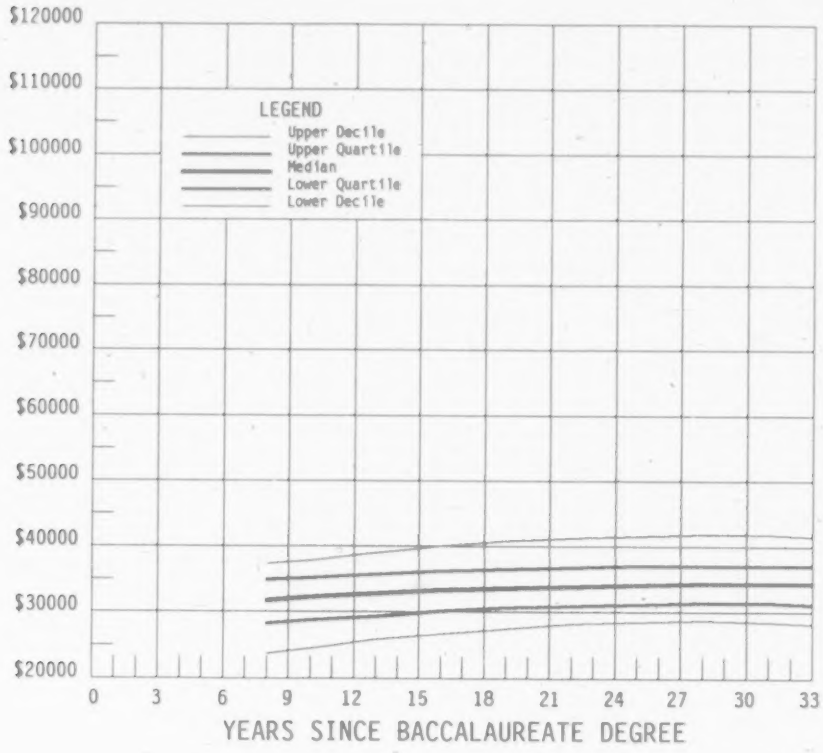
SALARY CURVES FOR ENGINEERS IN TECHNOLOGY SCHOOLS
ASSISTANT PROFESSORS



1990 ENGINEERING SALARY STATISTICS: TECHNOLOGY SCHOOLS, ASSISTANT PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	37150	37950	39050	40000	40800	41400	41800	42000	42000	40950	39650
Upper Quartile	0	0	0	0	0	0	0	0	34900	35250	35700	36100	36450	36700	36900	37000	37050	36800	36150
Median	0	0	0	0	0	0	0	0	31750	32150	32650	33150	33550	33850	34100	34300	34400	34300	33200
Lower Quartile	0	0	0	0	0	0	0	0	28250	28750	29400	30000	30450	30850	31150	31300	31350	30950	30100
Lower Decile	0	0	0	0	0	0	0	0	24050	24750	25750	26650	27350	27900	28300	28400	28300	27000	26400
Mean	0	0	0	0	0	0	0	0	31300	31800	32550	33150	33700	34150	34450	34650	34700	34250	33150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	38000	37750	39400	38900	42100	40250	40250	41900	44750	40400	39650
Upper Quartile	0	0	0	0	0	0	0	0	33500	36500	35150	36750	35400	36500	37100	37650	37850	36500	36150
Median	0	0	0	0	0	0	0	0	31350	33000	32000	33850	32600	33400	34600	35500	34850	34000	33200
Lower Quartile	0	0	0	0	0	0	0	0	27000	30400	28350	30400	30400	29600	30600	33650	32500	30500	30100
Lower Decile	0	0	0	0	0	0	0	0	23000	26450	24400	27500	27250	27500	25500	32250	30750	26400	26400
Mean	0	0	0	0	0	0	0	0	30850	32950	31750	33400	33300	33600	33950	36100	36100	33800	33150
Supporting Data																			
Total Number	0	0	0	3	3	6	7	8	10	29	36	35	39	25	25	14	25	36	301
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	4

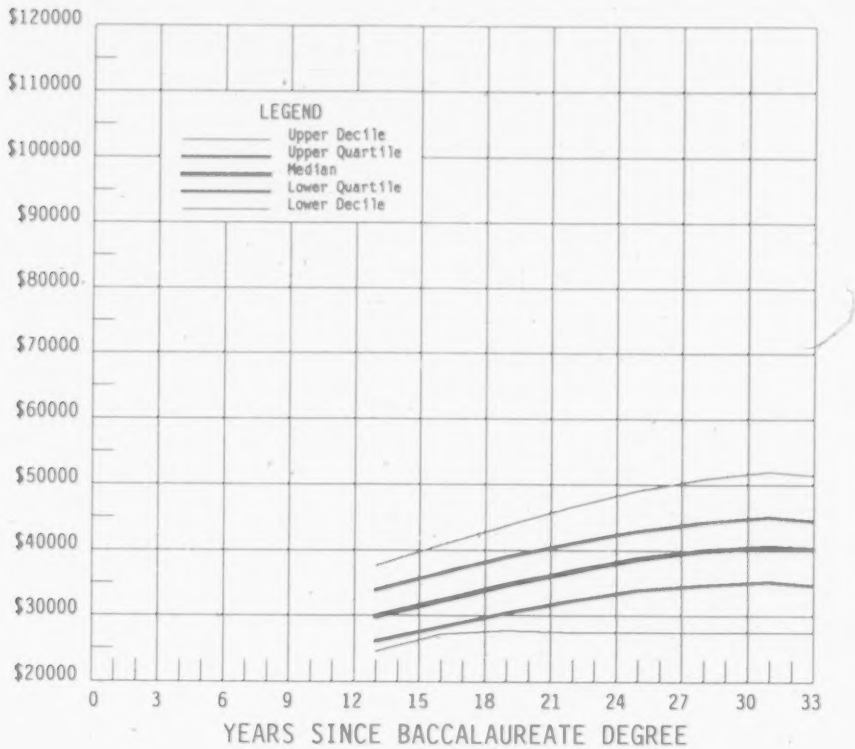
SALARY CURVES FOR ENGINEERS IN TECHNOLOGY SCHOOLS, 9 MONTH CONTRACTS ASSISTANT PROFESSORS



1990 ENGINEERING SALARY STATISTICS: TECHNOLOGY SCHOOLS, 9 MONTH CONTRACTS, ASSISTANT PROFESSORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	0	0	0	37300	38000	39050	39950	40700	41300	41700	41900	41900	40950	39600
Upper Quartile	0	0	0	0	0	0	0	0	34900	35250	35750	36150	36500	36750	36950	37050	37100	36800	36200
Median	0	0	0	0	0	0	0	0	31750	32150	32700	33200	33600	33950	34200	34400	34450	34300	33250
Lower Quartile	0	0	0	0	0	0	0	0	28250	28750	29450	30050	30550	30950	31250	31450	31450	30950	30150
Lower Decile	0	0	0	0	0	0	0	0	23850	24650	25750	26700	27550	28150	28550	28700	28550	27100	26400
Mean	0	0	0	0	0	0	0	0	31300	31800	32550	33200	33750	34200	34550	34700	34800	34300	33200
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	0	0	0	38000	37750	39400	39000	42200	40250	39200	42050	44900	40400	39600
Upper Quartile	0	0	0	0	0	0	0	0	33500	36500	35150	36900	35500	36500	37000	37850	38000	36500	36200
Median	0	0	0	0	0	0	0	0	31350	33000	32000	34150	32550	33400	34800	35650	35000	34000	33250
Lower Quartile	0	0	0	0	0	0	0	0	27000	30400	28350	30600	30350	29600	31000	33500	32800	30500	30150
Lower Decile	0	0	0	0	0	0	0	0	23000	26450	24400	27300	27200	27500	26400	32200	31200	26400	26400
Mean	0	0	0	0	0	0	0	0	30850	32950	31750	33550	33300	33600	34000	36200	36400	33800	33200
---------- Supporting Data ----------																			
Total Number	0	0	0	3	3	6	7	8	10	29	36	33	38	25	22	13	24	36	293
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	4

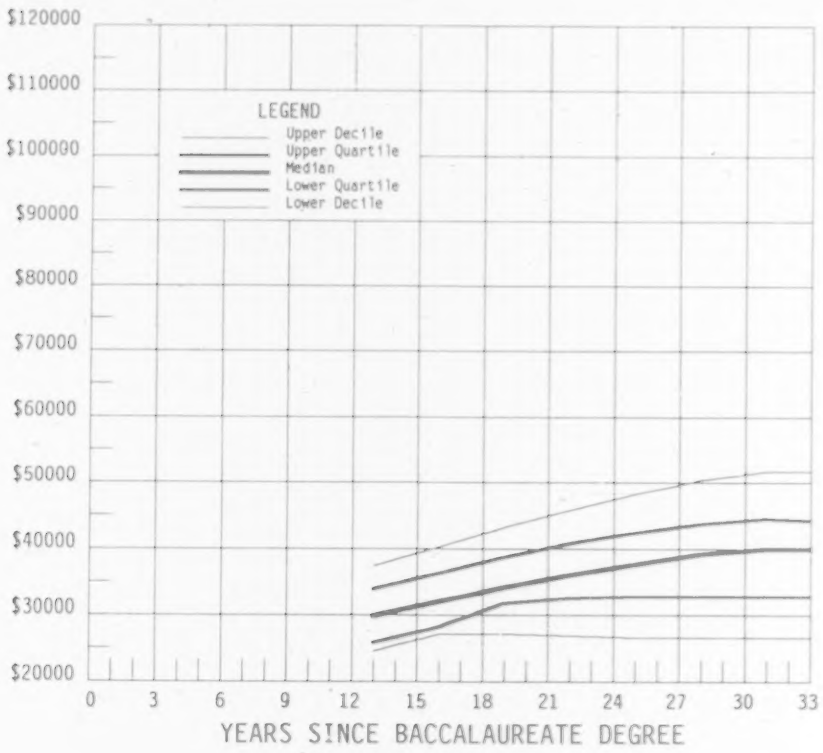
SALARY CURVES FOR ENGINEERS IN TECHNOLOGY SCHOOLS INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: TECHNOLOGY SCHOOLS, INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	37500	40700	43800	46650	49100	50950	51950	50350	45850
Upper Quartile	0	0	0	0	0	0	0	0	0	0	33900	36450	38900	41150	42950	44300	44950	43450	40650
Median	0	0	0	0	0	0	0	0	0	0	29900	32300	34650	36750	38550	39900	40600	39300	34900
Lower Quartile	0	0	0	0	0	0	0	0	0	0	26100	28300	30400	32300	33800	34800	35200	33150	29550
Lower Decile	0	0	0	0	0	0	0	0	0	0	24400	27200	27650	27550	27500	27450	27450	27450	25700
Mean	0	0	0	0	0	0	0	0	0	0	30250	32650	34950	37000	38750	39950	40550	38850	35650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	38300	41600	45500	40750	44300	51500	69200	48800	45850
Upper Quartile	0	0	0	0	0	0	0	0	0	0	34350	35650	40250	39700	41250	48000	43900	43350	40650
Median	0	0	0	0	0	0	0	0	0	0	30000	32650	33500	38000	36500	41000	41750	39100	34900
Lower Quartile	0	0	0	0	0	0	0	0	0	0	25750	28500	30900	34000	31500	36000	34500	33250	29550
Lower Decile	0	0	0	0	0	0	0	0	0	0	24400	26900	29000	27200	25800	24000	30700	28800	25700
Mean	0	0	0	0	0	0	0	0	0	0	30000	33300	35750	36250	36100	41000	42900	38600	35650
Supporting Data																			
Total Number	1	0	1	2	6	4	7	5	5	6	18	18	15	16	19	20	17	42	202
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0	5

SALARY CURVES FOR ENGINEERS IN TECHNOLOGY SCHOOLS, 9 MONTH CONTRACTS INSTRUCTORS



1990 ENGINEERING SALARY STATISTICS: TECHNOLOGY SCHOOLS, 9 MONTH CONTRACTS, INSTRUCTORS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	37300	40250	43150	45900	48350	50350	51700	51650	45300
Upper Quartile	0	0	0	0	0	0	0	0	0	0	33850	36250	38600	40700	42450	43800	44600	43700	40100
Median	0	0	0	0	0	0	0	0	0	0	29800	31950	34050	36000	37700	39100	40000	39950	34400
Lower Quartile	0	0	0	0	0	0	0	0	0	0	26000	28300	31800	32650	32800	32800	32800	32800	28950
Lower Decile	0	0	0	0	0	0	0	0	0	0	24400	27250	27300	26900	26700	26600	26600	26550	25350
Mean	0	0	0	0	0	0	0	0	0	0	30250	32350	34400	36250	37850	39100	39900	39600	35200
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	38600	39800	46100	40400	42400	52100	70400	49700	45300
Upper Quartile	0	0	0	0	0	0	0	0	0	0	34650	34500	40600	39500	40000	48500	43600	43550	40100
Median	0	0	0	0	0	0	0	0	0	0	30000	32000	33000	38000	35500	40000	41000	39800	34400
Lower Quartile	0	0	0	0	0	0	0	0	0	0	26000	28500	30600	33000	30000	34000	33000	34000	28950
Lower Decile	0	0	0	0	0	0	0	0	0	0	24400	26950	28600	26800	25200	21200	30400	29200	25350
Mean	0	0	0	0	0	0	0	0	0	0	30250	32500	35650	35550	34700	40600	42800	39200	35200
---------- Supporting Data ----------																			
Total Number	0	0	1	2	6	4	6	5	5	6	16	14	13	14	16	16	14	32	170
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0	5

EMC
AAES

ENGINEERING MANPOWER COMMISSION
OF THE AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES

ENTERING EMC'S 40TH YEAR OF SERVICE TO THE ENGINEERING PROFESSION

415 Second Street, N.E., Suite 200
Washington, D.C. 20002
(202) 546-2237

Richard A. Ellis
Director, Manpower Studies

Donald C. Brown, Chairman
Paul B. Wood, Past Chairman
Luke H. Noggle, Vice Chairman
William M. Sangster, Vice Chairman

January 1990

Dear Colleague:

Enclosed are response forms for the Engineering Manpower Comission's 1990 survey of the compensation of engineering educators. The special biannual survey of engineering faculty provide data on academic compensation that is not available from any other source. Coverage of the faculty surveys has been extremely good; in 1988, over 14,000 engineering educators were included in the data. In 1990, we expect to continue to expand the coverage of the salary studies. Once again, we invite your institution to participate in this project.

As in the past, the participating schools will receive copies of the EMC manpower bulletin, "Engineering Salaries 1990," a six-page publication containing tables, graphs and text reporting the general results of the study. They will also be eligible for a 40% discount in the prices of our detailed reports.

Two years ago, we pushed the production of the survey results up to mid-September. This year, with your help, we can have the results by late June.

EMC now accepts responses via machine-readable media, in the form of simple, straightforward ASCII files placed on PC-compatible floppy disks. In the 1989 industry survey, data on over 40,000 engineers was processed this way. This approach to responses can substantially reduce the burden of the study on participating institutions and EMC alike. We urge you to consider using the response-by-floppy-disk approach in 1990. Detailed instructions are on the survey forms.

Whatever form of response you prefer, we need your data quickly. Data entry for the 1990 survey will commence on March 15 and MUST be cut off by April 30, 1990 in order to meet the late June publication release deadline.

A business reply envelope is enclosed for your convenience. Call us if you need extra copies of the forms, if you have any questions, or if you need to obtain other information from EMC, such as data on engineering degrees.

We appreciate the support we have obtained from engineering schools for this project, and we look forward to your participation in 1990.

Best regards,

RA Ellis

R. A. Ellis
Director, Manpower Studies

DO NOT DETACH THIS PAGE – SEE INSTRUCTIONS ON FORM

PROFESSIONAL INCOME OF ENGINEERS IN EDUCATION – 1990

FORM A – to be used with Form B

Questionnaire Form for Assistant, Associate, or Full Professors

Please return BOTH Form A and Form B. **Unidentified returns cannot be included in the survey.** Confidentiality of your data is assured by the Engineering Manpower Commission.

1. **If the mailing label affixed below is incorrect, incomplete, or missing, please indicate correct address:**

Name of Reporting Organization: _____

Address: _____

City: _____ State: _____ Zip Code: _____

2. **Name and title of person responsible for data:** _____

Tel. No. ( ) - _____

3. **Please check type of institution:**
   - ☐ Engineering school, PhD granting.
   - ☐ Engineering school, non-PhD granting.
   - ☐ Technology or community school.
   - ☐ Research unit.

BE SURE TO COMPLETE ALL THREE PAGES OF THIS FORM
RETURN BOTH FORMS A AND B BY MARCH 15, 1990 TO:

ENGINEERING MANPOWER COMMISSION
415 2ND STREET, N.E., WASHINGTON, D.C. 20002
(202) 546-2237

A Business Reply Envelope is provided for your convenience.

PRESENT SALARY OF ENGINEERING GRADUATES EMPLOYED IN EDUCATIONAL INSTITUTIONS, BY ACADEMIC RANK

FORM A: for Assistant, Associate, and Full Professors

DEADLINE FOR RESPONSES: MARCH 15, 1980

These forms give the distribution of employed engineering graduates as a function of academic rank, salary bracket, and years of experience as measured since graduation with a bachelor's degree. Salary brackets are indicated at the left of each row. Note that some brackets include a wider salary range than others. Separate sections are set aside for various academic ranks. FORM A covers assistant, associate, and full professors. FORM B covers instructors, administrative faculty, and researchers (or other non-teaching staff). Individuals are to be reported in the section corresponding to their rank, but within each section they are to be reported in the column for their year of graduation with bachelor's degree, to give a common basis for comparison. If year of graduation cannot be given, report by age (average 1980 graduate is 23, etc.). Data for those graduating in the 1st quarter of 1980 should be combined with that for 1980 graduates.

SALARY — should include base salary before deductions, and any regular allowances such as cost of living differential, etc. Do not include unpredictable payments for overtime work, outside consulting, etc. Please indicate number of months included in the normal contract for each rank, in the space at the top of each section of the form. Do not report part-time employees, graduate students, adjunct faculty, etc. Rates should be those in effect on February 1, 1980.

	ANNUAL SALARY	YEAR OF BACCALAUREATE DEGREE (OR AGE)																	
	ASSISTANT PROFESSOR Months on normal contract: ____	**1980** (23)	**1979** (24)	**1978** (25)	**1977** (26)	**1976** (27)	**1975** (28)	**1974** (29)	**1973** (30)	**1972** (31)	**1970-1969** (32-34)	**1975-1977** (35-37)	**1972-1974** (38-40)	**1968-1971** (41-43)	**1966-1968** (44-46)	**1963-1965** (47-49)	**1960-1962** (50-52)	**1957-1959** (53-55)	**UP TO 1956** (56+)
101	$125,000 & over																		
102	$100,000-124,999																		
103	$95,000-99,999																		
104	$90,000-94,999																		
105	$85,000-89,999																		
106	$80,000-84,999																		
107	$76,000-79,999																		
108	$72,000-75,999																		
109	$68,000-71,999																		
110	$64,000-67,999																		
111	$60,000-63,999																		
112	$56,000-59,999																		
113	$53,000-55,999																		
114	$50,000-52,999																		
115	$47,000-49,999																		
116	$44,000-46,999																		
117	$41,000-43,999																		
118	$38,000-40,999																		
119	$36,000-37,999																		
120	$34,000-35,999																		
121	$32,000-33,999																		
122	$30,000-31,999																		
123	$28,000-29,999																		
124	$26,000-27,999																		
125	$24,000-25,999																		
126	$22,000-23,999																		
127	Less than $22,000																		
	ASSOCIATE PROFESSOR Months on normal contract: ____																		
201	$125,000 & over																		
202	$100,000-124,999																		
203	$95,000-99,999																		
204	$90,000-94,999																		
205	$85,000-89,999																		
206	$80,000-84,999																		
207	$76,000-79,999																		
208	$72,000-75,999																		
209	$68,000-71,999																		
210	$64,000-67,999																		
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212	$56,000-59,999																		
213	$53,000-55,999																		
214	$50,000-52,999																		
215	$47,000-49,999																		
216	$44,000-46,999																		
217	$41,000-43,999																		
218	$38,000-40,999																		
219	$36,000-37,999																		
220	$34,000-35,999																		
221	$32,000-33,999																		
222	$30,000-31,999																		
223	$28,000-29,999																		
224	$26,000-27,999																		
225	$24,000-25,999																		
226	$22,000-23,999																		
227	Less than $22,000																		
	PROFESSOR Months on normal contract: ____																		
301	$125,000 & over																		
302	$100,000-124,999																		
303	$95,000-99,999																		
304	$90,000-94,999																		
305	$85,000-89,999																		
306	$80,000-84,999																		
307	$76,000-79,999																		
308	$72,000-75,999																		
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319	$36,000-37,999																		
320	$34,000-35,999																		
321	$32,000-33,999																		
322	$30,000-31,999																		
323	$28,000-29,999																		
324	$26,000-27,999																		
325	$24,000-25,999																		
326	$22,000-23,999																		
327	Less than $22,000																		

NOTE: Please see extra section in filling in shaded areas. Ordinarily no faculty are reported in these portions of the form.

EMC POLICY REGARDING SALARY SURVEY PARTICIPANTS

EMC's policy is to list the names of the institutions that participate in our salary surveys, so that users of the reports can judge for themselves whether or not the data is relevant to their own situations. At the same time, it is our long-standing policy to protect each respondent's data from disclosure to anyone else. To protect the confidentiality of information and to provide adequate safeguards against the disclosure of data identified with any particular survey participant, the following precautions are taken:

1. Institutional identifications are used only for the purpose of maintaining EMC's mailing lists and are not entered with the salary data files in our computer.

2. The only persons with access to returned salary data forms are the AAES staff who process the surveys. Responding organizations' data are not disclosed to anyone. There are no exceptions to this policy.

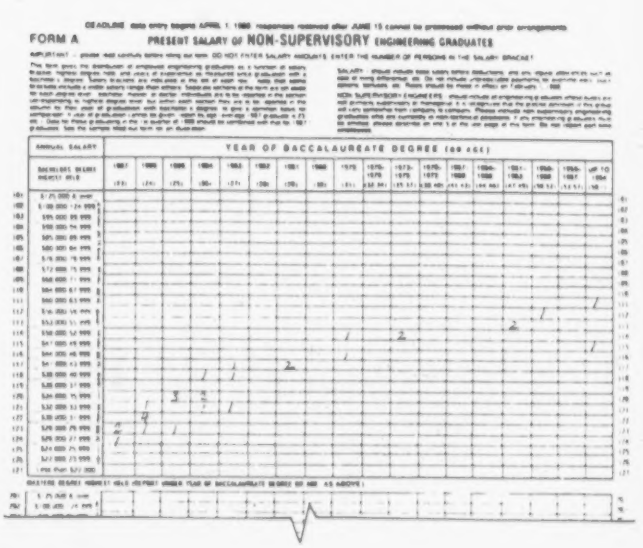
3. At least 100 persons must be represented in any data set for engineers in education before statistics for the group will be published.

4. Within data sets, statistics are not generated for particular experience categories unless the bracket includes at least one percent of the total number of engineers for the set AND at least ten engineers are present.

5. EMC does not obtain the names of individual engineers represented by the data. The only names collected are those of the contact persons used for our mailing lists, and these names are not published or disclosed.

6. Anonymous responses are not used. Responses requesting that the responding organization not be identified are refused and returned to their originator.

Example of a completed form:


FORM A
PRESENT SALARY OF NON-SUPERVISORY ENGINEERING GRADUATES

SPECIAL INSTRUCTIONS FOR RESPONDENTS WISHING TO PROVIDE SALARY DATA ON FLOPPY DISK MEDIA

EMC is encouraging its salary survey participants to respond by submitting machine-readable files. Media must be in the form of standard double-sided, double-density 5¼" floppy diskettes. We use MS-DOS 3.2; with UNIFORM-PC we can handle PC and MS-DOS versions 1 and 2, as well as most common CP/M formats.

Floppies should be mailed in appropriate containers (heavy cardboard disk mailers are best). We advise you to also enclose page 1 of your original questionnaire, to provide your school's ID and its educational classification (PhD-granting, non-PhD, etc.) Alternatively, you may provide an ASCII text file on the disk with your responses to these questions. Without these data, your response will not be processed. Name any such text file "SALARY.INF."

Your salary data file should be named "SALARY.DAT" and MUST take the following format:

1. The data file must be pure ASCII.

2. Data must be entered in the form of one line (or record) per engineer, terminated by a CR-LF (carriage return/line feed combination). Don't forget to use the CR-LF after the last line of data.

3. The contents of each line should be as follows:

Character 01: "1" for assistant professors
"2" for associate professors
"3" for full professors
"I" for instructors
"A" for administrators
"R" for researchers or other non-teaching faculty

Character 02: always a comma.

Characters 03-04: two digits for YEAR GRADUATED WITH BACHELOR'S DEGREE (last two digits only). If unknown, enter "99" AND enter the age (see next item).

Character 05: always a comma.

Characters 06-07: two digits for AGE. If the previous YEAR GRADUATED WITH BACHELOR'S DEGREE item has been provided, this may be treated as an unknown and coded "99." If both the year and the age are provided, EMC will use those data to improve its procedures for using age to estimate the year of graduation with the B.S. degree. Note that the "99" code should be explicitly entered (blanks or zeros will be treated as "99's" IF the preceding YEAR data is supplied).

Character 08: always a comma.

Characters 09-14: six digits for salary, right-justified and zero-filled. Leading blanks will be treated as zeros. A CR-LF code ("Return") must follow the salary entry.

ANY ENTRIES OTHER THAN THOSE DESCRIBED ABOVE WILL BE ASSUMED TO BE ERRORS AND WILL CAUSE THE ENTIRE LINE TO BE IGNORED.

4. There will be as many lines as there are educators reported.

5. LABEL your diskette with AT LEAST the following information: your organization's name; the particular diskette format used (we will assume DOS if no other information is provided); and the identifier "90EMCSAL."

DO NOT DETACH THIS PAGE – SEE INSTRUCTIONS ON FORM

PROFESSIONAL INCOME OF ENGINEERS IN EDUCATION – 1990

FORM B – to be used with Form A
Questionnaire Form for Full-Time Instructors, Administrative Faculty, and Research or Other Non-Teaching Positions

Please return BOTH Form A and Form B. **Unidentified returns cannot be included in the survey.** Confidentiality of your data is assured by the Engineering Manpower Commission.

1. If the mailing label affixed below is incorrect, incomplete, or missing, please indicate correct address:

Name of Reporting Organization: _____

Address: _____

City: _____ State _____ Zip Code: _____

2. Name and title of person responsible for data: _____

Tel. No. ( ) - _____

3. Please check type of institution:

- ☐ Engineering school, PhD granting
- ☐ Engineering school, non-PhD granting
- ☐ Technology or community school
- ☐ Research unit

BE SURE TO COMPLETE ALL THREE PAGES OF THIS FORM
RETURN BOTH FORMS A AND B BY MARCH 15, 1990 TO:

ENGINEERING MANPOWER COMMISSION
415 2ND STREET, N.E., WASHINGTON, D.C. 20002
(202) 546-2237

A Business Reply Envelope is provided for your convenience.

PRESENT SALARY OF ENGINEERING GRADUATES EMPLOYED IN EDUCATIONAL INSTITUTIONS, BY ACADEMIC RANK

FORM B: for Instructors (full-time only), Administrative Faculty, and Research & Other Non-teaching Positions

DEADLINE FOR RESPONSES: MARCH 15, 1980

These forms give the distribution of employed engineering graduates as a function of academic rank, salary bracket, and years of experience as measured since graduation with a bachelor's degree. Salary brackets are indicated at the left of each row. Note that some brackets include a wider salary range than others. Separate sections are set aside for various academic ranks. FORM A covers assistant, associate, and full professors; FORM B covers instructors, administrative faculty, and researchers (or other non-teaching staff). Individuals are to be reported in the section corresponding to their rank, but within each section they are to be reported in the column for their year of graduation with bachelor's degree, to give a common basis for comparison. If year of graduation cannot be given, report by age (average 1968 graduate is 23, etc.). Data for those graduating in the 1st quarter of 1980 should be combined with that for 1968 graduates.

SALARY — should include base salary before deductions, and any regular allowances such as cost of living differential, etc. Do not include unpredictable payments for overtime work, outside consulting, etc. Please indicate number of months included in the normal contract for each rank, in the space at the top of each section of the form. Do not report part-time employees, graduate students, adjunct faculty, etc. Rates should be those in effect on February 1, 1980.

	ANNUAL SALARY	YEAR OF BACCALAUREATE DEGREE (OR AGE)																	
	INSTRUCTORS Months on normal contract: ____	1980 (23)	1979 (24)	1978 (25)	1977 (26)	1976 (27)	1975 (28)	1974 (29)	1973 (30)	1972 (31)	1970-1971 (32-34)	1968-1969 (35-37)	1967-1966 (38-40)	1965-1964 (41-43)	1963-1962 (44-46)	1961-1960 (47-49)	1959-1957 (50-52)	1956-1948 (53-61)	UP TO 1947 (62+)
101	$125,000 & over																		
102	$100,000-124,999																		
103	$95,000-99,999																		
104	$90,000-94,999																		
105	$85,000-89,999																		
106	$80,000-84,999																		
107	$76,000-79,999																		
108	$72,000-75,999																		
109	$68,000-71,999																		
110	$64,000-67,999																		
111	$60,000-63,999																		
112	$56,000-59,999																		
113	$53,000-55,999																		
114	$50,000-52,999																		
115	$47,000-49,999																		
116	$44,000-46,999																		
117	$41,000-43,999																		
118	$38,000-40,999																		
119	$36,000-37,999																		
120	$34,000-35,999																		
121	$32,000-33,999																		
122	$30,000-31,999																		
123	$28,000-29,999																		
124	$26,000-27,999																		
125	$24,000-25,999																		
126	$22,000-23,999																		
127	Less than $22,000																		
	ADMINISTRATORS Months on normal contract ____																		
201	$125,000 & over																		
202	$100,000-124,999																		
203	$95,000-99,999																		
204	$90,000-94,999																		
205	$85,000-89,999																		
206	$80,000-84,999																		
207	$76,000-79,999																		
208	$72,000-75,999																		
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221	$32,000-33,999																		
222	$30,000-31,999																		
223	$28,000-29,999																		
224	$26,000-27,999																		
225	$24,000-25,999																		
226	$22,000-23,999																		
227	Less than $22,000																		
	RESEARCHERS Months on normal contract ____																		
301	$125,000 & over																		
302	$100,000-124,999																		
303	$95,000-99,999																		
304	$90,000-94,999																		
305	$85,000-89,999																		
306	$80,000-84,999																		
307	$76,000-79,999																		
308	$72,000-75,999																		
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324	$26,000-27,999																		
325	$24,000-25,999																		
326	$22,000-23,999																		
327	Less than $22,000																		

NOTE Please use extra caution in filling in shaded areas. Ordinarily no faculty are reported in these portions of the form.

EMC POLICY REGARDING SALARY SURVEY PARTICIPANTS

EMC's policy is to list the names of the institutions that participate in our salary surveys, so that users of the reports can judge for themselves whether or not the data is relevant to their own situations. At the same time, it is our long-standing policy to protect each respondent's data from disclosure to anyone else. To protect the confidentiality of information and to provide adequate safeguards against the disclosure of data identified with any particular survey participant, the following precautions are taken:

1. Institutional identifications are used only for the purpose of maintaining EMC's mailing lists and are not entered with the salary data files in our computer.

2. The only persons with access to returned salary data forms are the AAES staff who process the surveys. Responding organizations' data are not disclosed to anyone. There are no exceptions to this policy.

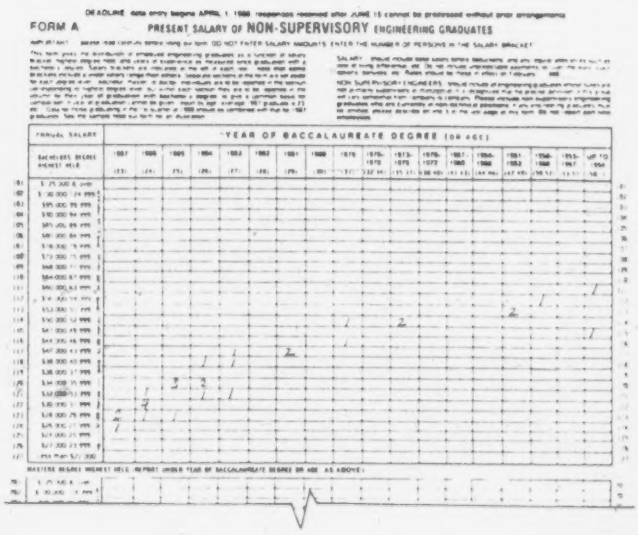
3. At least 100 persons must be represented in any data set for engineers in education before statistics for the group will be published.

4. Within data sets, statistics are not generated for particular experience categories unless the bracket includes at least one percent of the total number of engineers for the set AND at least ten engineers are present.

5. EMC does not obtain the names of individual engineers represented by the data. The only names collected are those of the contact persons used for our mailing lists, and these names are not published or disclosed.

6. Anonymous responses are not used. Responses requesting that the responding organization not be identified are refused and returned to their originator.

Example of a completed form:



FORM A PRESENT SALARY OF NON-SUPERVISORY ENGINEERING GRADUATES

SPECIAL INSTRUCTIONS FOR RESPONDENTS WISHING TO PROVIDE SALARY DATA ON FLOPPY DISK MEDIA

EMC is encouraging its salary survey participants to respond by submitting machine-readable files. Media must be in the form of standard double-sided, double-density 5¼" floppy diskettes. We use MS-DOS 3.2; with UNIFORM-PC we can handle PC and MS-DOS versions 1 and 2, as well as most common CP/M formats.

Floppies should be mailed in appropriate containers (heavy cardboard disk mailers are best). We advise you to also enclose page 1 of your original questionnaire, to provide your school's ID and its educational classification (PhD-granting, non-PhD, etc.) Alternatively, you may provide an ASCII text file on the disk with your responses to these questions. Without these data, your response will not be processed. Name any such text file "SALARY.INF."

Your salary data file should be named "SALARY.DAT" and MUST take the following format:

1. The data file must be pure ASCII.

2. Data must be entered in the form of one line (or record) per engineer, terminated by a CR-LF (carriage return/line feed combination). Don't forget to use the CR-LF after the last line of data.

3. The contents of each line should be as follows:

Character 01: "1" for assistant professors
"2" for associate professors
"3" for full professors
"I" for instructors
"A" for administrators
"R" for researchers or other non-teaching faculty

Character 02: always a comma.

Characters 03-04: two digits for YEAR GRADUATED WITH BACHELOR'S DEGREE (last two digits only). If unknown, enter "99" AND enter the age (see next item).

Character 05: always a comma.

Characters 06-07: two digits for AGE. If the previous YEAR GRADUATED WITH BACHELOR'S DEGREE item has been provided, this may be treated as an unknown and coded "99." If both the year and the age are provided, EMC will use those data to improve its procedures for using age to estimate the year of graduation with the B.S. degree. Note that the "99" code should be explicitly entered (blanks or zeros will be treated as "99's" IF the preceding YEAR data is supplied).

Character 08: always a comma.

Characters 09-14: six digits for salary, right-justified and zero-filled. Leading blanks will be treated as zeros. A CR-LF code ("Return") must follow the salary entry.

ANY ENTRIES OTHER THAN THOSE DESCRIBED ABOVE WILL BE ASSUMED TO BE ERRORS AND WILL CAUSE THE ENTIRE LINE TO BE IGNORED.

4. There will be as many lines as there are educators reported.

5. LABEL your diskette with AT LEAST the following information: your organization's name; the particular diskette format used (we will assume DOS if no other information is provided); and the identifier "90EMCSAL."

CURRENT ENGINEERING MANPOWER COMMISSION PUBLICATIONS

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ISBN 0-87615-158-6